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The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

blished 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

3478
CXLVI OCTOBER 5, 1946 Annual Subscription (with Diary) 25/-. Single copies 9d.

Haliborange
TRADE MARK

The nicest way of taking Halibut Liver Oil

ALLEN & HANBURYS LTD. LONDON, E.2
Telephone: BISHOPSGATE 3201 (12 lines). Telegrams: GREENBURYS, BETH, LONDON

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Capsules
'ABIDON' *with*
VITAMIN C

With the approach of winter the demand for reliable vitamin preparations has returned.

You cannot do better than recommend 'Abidon' with Vitamin C.

A bottle of 100 capsules will provide an adequate supplementary vitamin intake for 3 months at the moderate cost to your customer of 15/-.

Supplies are good now!



MINIMUM RETAIL PRICES

Bottles of

25 capsules - 4/3

100 capsules - 15/-

PARKE, DAVIS & COMPANY

50 Beak St., London, W.1

Laboratories: Hounslow, Middlesex. *Inc. U.S.A., Liability Ltd.*

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

Elasto

REGISTERED

A PRODUCT OF BIO-CHEMICAL RESEARCH

Read What Users of 'Elasto' Say :—

(Original letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

As a sufferer of varicose veins, I must state hat before using 'Elasto' I was tortured with ired and aching legs. After taking a month's upply of 'Elasto' I remark with emphasis that he feeling of tiredness and aching has vanished. o all sufferers of varicose veins I certainly ecommend 'Elasto'—they are a boon."
AP 1180 —R. P.

Rheumatism

' I may say that I have found 'Elasto' a wonder- ul help. For years I suffered with rheumatism n feet and legs, and at times found it difficult to eep about. 'Elasto,' however afforded me im- mediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since."
AT 1108 —F. T.

Varicose Ulcers

" I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."
AH 1263 —E. H.

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You !

1/6 Profit on every sale

Retail Price 5/- per pkt.
*** Including purchase tax.**

Wholesale 42/- per doz.
*** Including purchase tax.**

A FEW SHOWCARDS STILL AVAILABLE

P.A.T.A.

The NEW ERA TREATMENT CO., LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

BRITISH ALKALOIDS AND FINE CHEMICALS



BROMIDES & IODIDES

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EMETINE QUININE SALICIN
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MERCURIALS VERMILION PRUNELLA
ESSENTIAL OILS CLOVE OIL
SANDALWOOD OIL
EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

THEOPHYLLINE

World conditions may determine availability of supplies

WHIFFEN & SONS, LTD.

INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

FULHAM, LONDON, S.W.6.

'Phone: Renown 3416 'Grams: Whiffen, London



You'll be glad to say 'Yes'—

when your customers ask for

CROOKES HALIBUT OIL

CROOKES HALIBUT OIL

STANDARD BONUS PARCELS

	£ s. d	BONUS
PARCEL G 12 x 15 c.c. Drops @ 5/- Retail	3 0 0	1 x 15 c.c. Drops
Less 25%	15 0	
,, 10%	2 5 0	RETAIL VALUE
	4 6	
* Amount of cash with order	* 2 0 6	5/-
PARCEL H 36 x 5 c.c. Drops @ 2/- Retail	3 12 0	3 x 5 c.c. Drops
Less 25%	18 0	
,, 10%	2 14 0	RETAIL VALUE
	5 5	
* Amount of cash with order	* 2 8 7	6/-
PARCEL J 12 x 30 c.c. Drops @ 9/- Retail	5 8 0	1 x 30 c.c. Drops
Less 25%	1 7 0	
,, 10%	4 1 0	RETAIL VALUE
	8 1	
* Amount of cash with order	* 3 12 11	9/-
PARCEL K 72 x 5 c.c. Drops @ 2/- Retail	7 4 0	12 x 5 c.c. Drops
Less 25%	1 16 0	
,, 10%	5 8 0	RETAIL VALUE
	10 10	
* Amount of cash with order	* 4 17 2	£1/4/0
PARCEL L 12 x 100 Capsules @ 8/6 Retail	5 2 0	1 x 100 Capsules
Less 25%	1 5 6	
,, 10%	3 16 6	RETAIL VALUE
	7 8	
* Amount of cash with order	* 3 8 10	8/6
PARCEL M 36 x 100 Capsules @ 8/6 Retail	15 6 0	3 x 100 Capsules
Less 25%	3 16 6	
,, 10%	11 9 6	RETAIL VALUE
	1 3 0	
* Amount of cash with order	*10 6 6	£1/5/6

October's new advertising campaign will send your sales higher than ever before and we strongly advise you to build up your stocks now and avoid delay or disappointment later on.

P.A.T.A.

TERMS OF SUPPLY: 1. Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M, are ordered. 2. Cash must accompany the order. No pro-forma invoices can be issued. 3. Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind. 4. Bonus in kind cannot be allowed on any other Halibut Oil products.

THE CROOKES LABORATORIES LIMITED

PARK ROYAL LONDON, N.W.10



For a limited period, a special allowance of 5% Cash Discount will be made *in addition* to the usual bonus terms on which StockSense is supplied.

The only stipulation is that :—

All orders must be for one or more minimum cases as below:

CASE No. 1. SMALL DRUMS

5½ dozen 7½d. drums @ 5/6d. - -	£1 10 3
with BONUS of ½ dozen 7½d. drums	FREE
	£1 10 3

CASE No. 2. MEDIUM TINS

2¾ dozen 1/6d. tins @ 13/od. - -	£1 15 9
with BONUS of three 1/6d. tins -	FREE
	£1 15 9

CASE No. 3. LARGE TINS

1 dozen 4/od. tins @ 36/od. - -	£1 16 0
NO BONUS	—
	£1 16 0

All subject to 2½% settlement discount.

NEW SALES AIDS: A striking display unit and supplies of the booklet "Success with Poultry" will be available shortly.

Order StockSense *now* and make sure of your extra discount. Bob Martin Ltd., Southport, Lancs.

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"BENZEDRINE INHALERS ARE AVAILABLE FROM ALL CHEMISTS"

True or False?

Obviously true, because if you run out of stock you can quickly obtain them from your wholesaler or from us. The wise retailer, however, makes sure that he can immediately meet all demands from his own stock.

A vigorous advertising campaign to doctors and dentists is now being carried out; your requirements are bound to be increased. Summer colds and hay fever will bring you many customers for 'Benzedrine' Inhalers. Are your stocks adequate ?

'BENZEDRINE' INHALER

Special terms on request

MENLEY & JAMES, LIMITED
123 COLDHARBOUR LANE, LONDON, S.E.5.

BIT.2

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DIENŒSTROL B.D.H.

The non-toxic highly-active æstrogen

Dienœstrol is the most potent synthetic œstrogen yet discovered. As it possesses the advantage of being non-toxic, physicians are prescribing it freely for patients who are intolerant to stilbœstrol. Dienœstrol B.D.H is available in tablets at the following prices (tablets of higher strengths are available if required for special clinical purposes): —

Mg. per tab.	Quant. per bott.	Trade	Med. Profession	Retail
0.1	25	8d.	11d.	1/-
	100	1 6	2/-	2/3
	• 500	6/-	8/1	9/-
	*1,000	9/-	12/2	13/6
0.3	25	10d.	1/1	1/3
	100	2/-	2/8	3/-
	• 500	8/-	10/9	12/-
	*1,000	12/-	16/2	18/-
1	25	1/-	1/4	1/6
	100	3/-	4/-	4/6
	• 500	12/-	16/2	18/-
	*1,000	18/-	24/3	27/-
5	25	2/-	2/8	3/-
	100	6/-	8/1	9/-
	• 500	24/-	32/5	36/-
	*1,000	36/-	48/6	54/-

Not subject to Purchase Tax • For Dispensing only

THE BRITISH DRUG HOUSES LIMITED LONDON N.1

Yet another 'Ucal' product now available in limited supplies.

Ucal

DOPO-PLUS

D.D.T. / GEIGY

KILLS FLIES, FLEAS, BUGS, ETC.

DIRECTIONS

To destroy quickly **Flies, Fleas, Bugs, Beetles, Moths, Cockroaches, Ants, Crickets, Wasps,** and similar Pests, simply sprinkle freely in the infected places.

Fleas and Mosquitos.

A little Powder sprinkled on the window sill or on the fire will keep these pests away.

PACKED BY
UNITED CHEMISTS ASSOCIATION LTD.
CHELTENHAM

"OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

HORMONES

OESTRIN

Indications: Menopause; Menstrual Irregularities; Uterine Inertia; Amenorrhœa; Pruritus Vulvæ; Suppression of Lactation.

Tablets: 1000 I.U. Ampoules: 1000-50000 I.S.U.

STILBOESTROL

Indications: As for Oestrin.

A highly potent œstrogenous substance for oral administration.

Tablets: 0.5 mg., 1.0 mg. and 5.0 mg.
Ampoules: 1.0 and 5.0 mg.

PROGESTERONE

Indications: Habitual Abortion; Menorrhagia; Functional Uterine Hæmorrhage; Dysmenorrhœa; Toxæmia of Pregnancy.

Ampoules: 1.0 mg., 2.0 mg. and 5.0 mg.

"PITOXYLIN" PITUITARY EXTRACT (P.L.)

Licensed and standardised in accordance with the Therapeutic Substances Act. For the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

Ampoules 5, 10 and 20 I.U.

ADRENALIN

Useful for the treatment of Asthma; Epistaxis; Tonsilitis; Hay Fever; Influenzal Crisis; Surgical Shock; etc.

Solution: 1 in 100 and 1 in 1000 Ampoules: 1 in 1000.

OXO LIMITED

THAMES HOUSE, LONDON, E.C.4

OXO LABORATORY PREPARATIONS

SevenSeaS

REDUCED PRICES

AMENDMENT OF DATES

The reduced prices to the public of "SevenSeaS" will apply from November 1st and not from September 30th as previously notified. This postponement has been made so as to give chemists a better opportunity of clearing the stocks that they bought at the old prices.

We can also arrange to despatch direct any order for *case quantities*, invoicing through your wholesaler. There will be no reduction in price of capsules or of the 1-oz. concentrated oil.

● IMPORTANT

There is a shortage of 8-oz. and 16-oz. bottles. In order to avoid delay please order as large a proportion of your new requirements as possible in the 6-oz. size. The selling price per oz. is the same for both the 6-oz. and 8-oz. sizes. New selling prices —

6-oz....1/6 8-oz....2/- 16-oz....3/6

Reduced prices do not apply to Eire.

● ORDER NOW

You will be wise to estimate your requirements at once, as orders booked now for delivery at the new prices will be handled in strict rotation. Be careful not to under-estimate; during the autumn and winter months there will still be a shortage of containers, and deliveries may be delayed in consequence. And don't let stocks run too low between now and November. Remember, cod liver oil is the only unrationed priority food that's easy to get, and people are more than ever in need of extra fats and vitamins.

● SHOWCARDS

We have two showcards ready for distribution, and we shall be pleased to send copies to any retailer who asks for them.

BRITISH COD LIVER OILS (HULL & GRIMSBY) LTD., ST. ANDREW'S DOCK, HULL, ENGLAND

Soaring production costs

make price increase unavoidable

Owing to the continuous, steady increase of production costs, a point has been reached when MACLEANS LIMITED have reluctantly to announce an adjustment in the price of their TOOTH PASTE and SOLID DENTIFRICE For the present they are continuing with their policy of marketing these popular lines in **ONE SIZE ONLY.**



ACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDX. *'Phone: Ealing 6616 Wires: Macleans, Brentford.*

DRUGGISTS' SUNDRIES

THE MOST COMPLETE
SERVICE IN PHARMACY
BUILT OVER 80 YEARS

34 HANOVER STREET, LIVERPOOL, 1

AYRTON SAUNDERS & CO. LTD.

Better Check Now:

with cold weather approaching, calls for ANTIPHLOGISTINE will increase.

When the soothing, pleasant relief of a "Moist Heat" poultice is needed in the treatment of respiratory conditions: chest colds, sore throat-ANTIPHLOGISTINE, the ready-to-use medicated poultice, will be called for. So you had better check your stocks now and be ready for these increased calls for ANTIPHLOGISTINE.

CHEMISTS' FORMULA CF

The Story of **Antiphlogistine** *is being carried to the medical profession by medical journals.*

P.A.T.A.

Antiphlogistine
TRADE MARK

THE DENVER CHEMICAL MFG. CO.
LONDON - - N.W. 9

Cloister
Herbal Tea

AS ADVERTISED

A gentle natural corrective for sluggish bowels. Purifies the blood, promotes sound sleep and regular habits.

BONUS PARCEL *for Display*	
1 of each size BONUS	
1 doz. 7d. size	6. 0.
1 doz. 1/8d. size	18. 0.
	24. 0.
Less 33⅓%	8. 0.
	16. 0.
Less 2½% cash	5.
	15. 7.
Purchase Tax	2. 8.
Cash with order	18. 3.
Selling price of this parcel	29. 3.

Your usual wholesaler will supply less 33⅓% discount, or, bonus parcel for display as detailed alongside supplied direct by us. Attractive showcard enclosed with parcel.

WHOLESALE DISTRIBUTORS WANTED

Campbell Laboratories
Ia, TOTTENHAM COURT RD., LONDON, W.I.

★ *Pharmacist and psychologist — the Chemist is both. His customers' purchases not only go into the medicine cupboard but sometimes give a glimpse of a skeleton there — troubles which the skill and wisdom of the Pharmacist does its best to overcome.*



Customers vary . . . here is the "Fussy" type. Nothing organically wrong but there *will* be if worrying about his health undermines his digestion. The treatment, as you know, is a course of Benger's Food. It will give him nourishment he can absorb without digestive strain. He will sleep better and rest both his digestion and his nerves. Customers like this are loath to believe that they are "ill" **. . . but you can invariably sell them Benger's**

90% of your customers need Benger's Food and are being educated to ask for it.

BENGER'S LTD., HOLMES CHAPEL, CHESHIRE



SAMARITAN *Ointments*

are again freely available in a wide range of titles including Chilblain, Lanoline, Wintergreen, Zinc and other B.P. and B.P.C. formulæ. Several exclusive prescriptions are also included in the series.

●

Prices and Samples on application.

TR 132

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

Introducing- Supol

HAEMORRHOIDAL SUPPOSITORIES
FOR RAPID RELIEF

A new and highly ethical product containing benzocaine and ephedrine. SUPOL is designed to give immediate relief and lasting comfort for hæmorrhoidal pains, rectal irritation, etc. NOW BEING ADVERTISED. Distribution through chemists only.

ISSUED IN BOXES OF 12 SUPPOSITORIES.

PUBLIC price **3/4** inc. tax

INTRODUCTORY BONUS

APPLY:—

Sole Distributors: FASSETT & JOHNSON, LTD.
86 CLERKENWELL ROAD, LONDON, E.C 1

Good! it's **MASON'S.**
EXTRACT OF HERBS

The Chemists' FAVOURITE for over 75 YEARS

A 9d. bottle makes 6 gallons of delicious sparkling Mason's Herb Beer. GOOD PROFITS—QUICK SALES

Write for Trade Terms

NEWBALL & MASON LTD., NOTTINGHAM. Est. 1850

Lime, Orange, Raspberry and Peppermint flavoured Sulphur Tablets, 15, grain size. Also Bronchial Tablets, Laxative Tablets and Peppermint Dyspepsia Tablets, Packed in packets or in bulk. Prompt delivery. For further details apply: 951/521 C. & D. Office.

HERBALENE—
naturally!

It's only natural that there should be a steady demand for Herbalene, because it is a tonic "nature-cure" laxative which is perfectly safe for people of all ages.

Herbalene's gentle action is never habit-forming and it is approved and recommended by all doctors advocating natural methods of healing.

Meet Herbalene preference with ready stocks. Address enquiries to your wholesaler or direct to :—

LUSTY'S NATURAL PRODUCTS CO.
278-280, London Road, WESTCLIFF-ON-SEA, Essex



Fine Feathers

. . . make fine birds, but in medicinal products appearance alone is not enough. We prefer that excellence of presentation is backed by perfection in raw materials and skill in manufacture. Without this policy our pharmaceutical preparations could never have achieved the distinction they now so widely enjoy.

MANUFACTURING CHEMISTS
OFFICE & WORKS: MANSFIELD ROAD, DERBY.
'Phone: Derby 4266 (3 lines) 'Grams: Dania, Derby

Richard Daniel & Son Ltd. Derby

Wrens (PTY) LTD.
THE CHEMISTS

P.O. BOX 1689 JOHANNESBURG
SOUTH AFRICA

Sole Distributors and Stockists for REVLON EXPORT Corp., NEW YORK, also VIV Pharmaceuticals Ltd., WINCHESTER, England, etc.

SEEK REPRESENTATION for non-competitive Agencies in TOILET, PATENTED and PROPRIETORY PREPARATIONS for the UNION of SOUTH AFRICA, *Northern & Southern Rhodesia, Portuguese East Africa, S.W. Africa and Nyassaland.*

●

For all our Purchases cash payments in London



COOPER'S **HOUSEHOLD INSECTICIDES**

— use DDT scientifically

in dozens { Flyspray - - - 3/6, 6/-
Moth Spray 2/6. Sprayers 4/6

½-*grosses Small* { Insect Powder - 1/-, 1/6, 2/6
¼-*grosses Med.* { Moth Powder - - 1/6, 2/6
1 *dozens Large* { Bin Powder - - 1/3, 2/6

Write for Trade List.

COOPER, McDOUGALL & ROBERTSON LTD
Berkhamsted, Herts

Stock Now for Big Winter Demand for "HUFFS"

The Popular Germ-Killing Throat Tablets

AGAIN EXTENSIVELY ADVERTISED

A thoroughly established popular favourite—"Huffs" with sweetened base and new label will be in bigger demand than ever before.

RETAIL: 1/3 including Tax.

COST: 1 to 3 doz. 11/1 per doz. 6 doz. lots 10/6 per doz. 1 gross lots 10/3 per doz.

3 Dozen and over Carriage Paid.

BONUS: 13 to doz. 6 doz. and over. 5 to 10 gross lots —special rates.



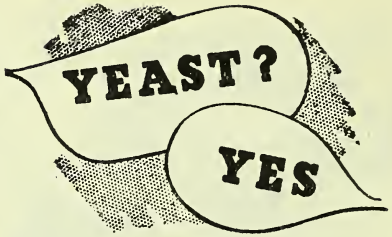
Made by :-

HOUGH, HOSEASON & CO. LTD.

Manufacturing Chemists

LEVENSHULME - MANCHESTER, 19

MEMBERS OF THE P.A.T.A.



THAT MEANS

Yestamin

VITAMIN YEAST

IN TABLETS Vitamin B1, 30 I.U. per gram. Riboflavin B2, 65 mcgs. per gram. Niacin. 455 mcgs. per gram

1/1½ PER 100 ★ 3/- PER 300

TRADE TERMS

Bottles of 100 Tablets: Retailed at 1/1½; 9/- per dozen. Bottles of 300 Tablets: Retailed at 3/-; 24/- per dozen. Less 5% cash in 14 days. *Window and Counter Display Material available.*

THE ENGLISH GRAINS CO. Ltd., Burton-on-Trent

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.

18 WESLEY ST., C. on M., MANCHESTER

★ *SURE-SELLING STOCK!*

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

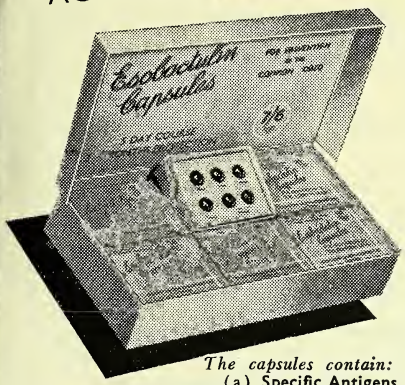
● **9d. BOX PROFIT** by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

C&G. KEARSLEY LTD.

71 · DARTMOUTH RD · LONDON · S.E.23

SL
SOUTHON LABORATORIES

FOR PROTECTION AGAINST **COLDS**



The capsules contain:
(a) Specific Antigens
(b) Immune Globulins
(c) Vitamins A, B and D
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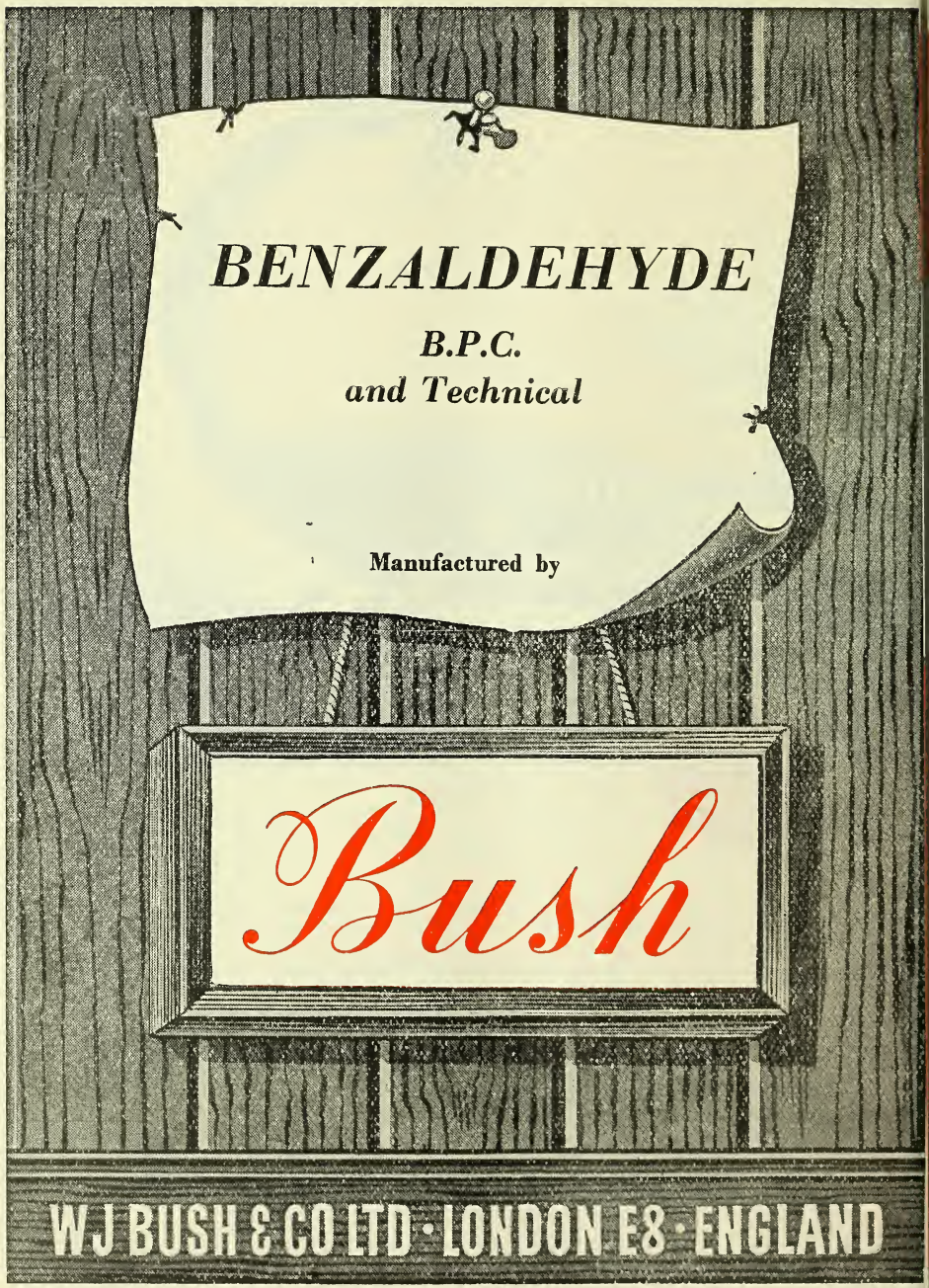
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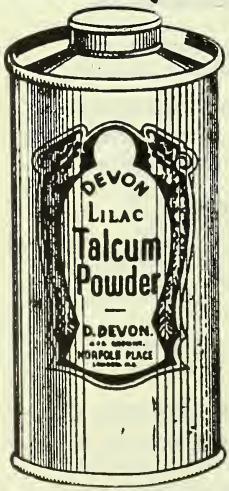
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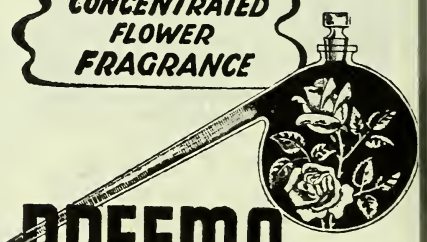
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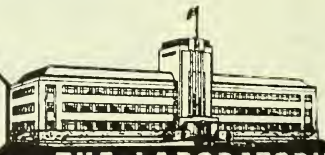
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NEWS OF THE WEEK

Nickel Coins for Silver.—A Bill to re- ce the silver content of the present lver" currency is expected to come ore Parliament in the next session. There l be no change in the shape or design.

Trade Mission to China.—A United ngdom Trade Mission left Britain by air China recently, where it is to study the sibilities of increasing the trade between two countries.

International Tin Conference.—The vernment has invited the main tin- ducing and tin-consuming countries to conference to be held in London in tober, for the purpose of considering the rld tin position, and of deciding if ntinuous inter-Governmental study is cessary.

Enemy Trading Controls Revoked.— e Board of Trade announces that the ading with the Enemy controls have been moved in respect of those parts of the ritory of the U.S.S.R. (as at December , 1938) which were occupied by the emy during the war, and it is now no longer an offence under the Trading with the Enemy Act to trade within these territories with any person carrying on business therein. A similar suspension of control is announced in respect of Portuguese Timor.

Colonial Economic Development.—The Colonial Secretary has appointed the following members of the Colonial Economic and Development Council:— Viscount Portal, Mr. J. Benstead, Sir Bernard Bourdillon, Sir Graham Cunningham, Sir William Goodenough, and Sir Drummond

PAPER

As from November 1, the Ministry of Supply has released to the Trade, Technical and Periodical Press an additional allocation of paper. As a result of this it will be possible from that date to satisfy all the requests we now hold for subscriptions and, so far as we can foresee, all future demands. It will, however, assist us if would-be readers will send their subscription orders to us as soon as possible.

Shiels. One or two further appointments will be announced shortly. The Council will "advise the Secretary of State on the framing and subsequent review of plans for economic and social development in the Colonial Empire, and on questions of general economic and financial policy."

Veterinary Pay Scales Opposed.—The scales of pay for technical officers of the Animal Health division of the Ministry of Agriculture are being opposed by members of the National Veterinary Medical Association, an organisation with a membership of over 3,000.

Presentation to President.—Mr. L. Sherwood Sellé addressed a recent meeting of the Hull Branch of the Pharmaceutical Society on "Hull in its Earliest Days." At the meeting Mr. Sellé was presented with an illuminated address, the work of Mr. E. Haworth Earle.

Distributive Unions Amalgamate.—The amalgamation of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks, and the National Union of Distributive and Allied Workers, becomes effective on January 1, 1947. The new union will be entitled the Union of Shop, Distributive and Allied Workers, with its head office at 122 Wilmslow Road, Manchester, 14. The position of the Association of Pharmaceutical Employees in the new union has not yet been decided.

Overseas Gifts Concession.—The Board of Trade has renewed to December 31, 1946, the concession by which *bona-fide* gifts of certain goods may be sent by private persons in Britain to private persons abroad, by parcel post, without an export licence. Foodstuffs and soap are amongst items which must not be included in the parcel, and the total value of goods is not to exceed £5. Post Office regulations must be complied with, and the Customs Declaration must be marked "Gift," and must show the description and value of the contents, and be signed by the donor.

British Property in Japan.—The Board of Trade announces that all possible action is to be taken without delay for the protection of British property interests in Japan, especially those in certain large-scale Japanese enterprises, British subjects who have not hitherto registered particulars of any such interests in accordance with the Board of Trade general announcement in January 1942 should do so as soon as possible. Registration forms may be obtained on application to the Trading with the Enemy Department, 24 Kingsway, London W.C.2.

Dr. Clitherow in Cornwall.—A meeting of the Cornish branch of the National Pharmaceutical Union held in Truro recently was addressed by Dr. R. Clitherow M.P., M.P.S., who spoke on the new health Bill and current pharmaceutical topics. A vote of thanks to Dr. Clitherow was proposed by Mr. J. D. Jackson, Saint Austell and seconded by Mr. H. Jory, Torpoint Messrs. A. T. Opie, H. Jory and A. C Cannon were chosen as delegates to the N.P.U. conference. A message of congratulation was sent to Mr. S. M. Northey M.P.S., on being granted the Freedom o the borough of Bodmin.

Women Pharmacists' Insulin Lecture.—At a meeting of the National Association o Women Pharmacists held in London o September 26, Dr. B. A. Young (a membe of the Council of the Pharmaceutica Society) gave an address entitled "Twenty five Years of Insulin Treatment." Afte describing the development of insulin fro the early work of Banting and Best to th present day, Dr. Young pointed out that on disadvantage of the new slow-acting insuli preparations was that they might not b sufficiently rapid in action to deal with th breakfast carbohydrate. This could b remedied by combining protamine-zin insulin with soluble insulin in the one inje tion before breakfast. The ultimate goal diabetes research, suggested Dr. Young, la not in improvement of insulin therapy, b in discovering the causes of diabetes.

Southampton Medical Exhibition.—A three-day exhibition held recently Southampton was attended by doctor veterinary surgeons and chemists from wide area. The exhibitors were:— Abbo Laboratories (England), Ltd., Armour La oratories, Bayer Products, Ltd., Boots Pu Drug Co., Ltd., Burroughs Wellcome & Co Duncan, Flockhart & Co., Glaxo Labor tories, Ltd., C. J. Hewlett & Son, Lt Imperial Chemical (Pharmaceuticals), Lt Eli Lilly & Co., Ltd., J. M. Loveridge, Lt H. R. Napp, Ltd., "Post-graduate Medic Journal," and Vitamins, Ltd. In a proje tion room adjoining, the following filn were shown:—"Intravenous Pentothal A æsthesia," "Animated Hæmatology," an "Sub-total Thyroidectomy." The exhibiti was organised and sponsored by J. Loveridge, Ltd., 6 Millbrook Roa Southampton.

Medical Officers and Health Bill.—the annual luncheon of the Society

edical Officers of Health, held recently London, the chief guest was the Minister Health (Mr. Aneurin Bevan) who said at, now that the House of Commons had ssed the National Health Bill with its ain structure unaltered, the same co-eration could be expected from the House Lords as had been received on other easures. He hoped the Bill would become w in a very short time, but then would gin the heavy administrative task of making it a living reality". It was the inistry's intention to try to use, so far possible, the vast body of health workers o had built up a splendid tradition. He as conscious that one of the great dangers Government services was over-centralisa-on, and a prime task would be to establish gional organisations.

Government Radioactivity Centre.—The overnment is to establish at Amersham, cks, a national centre for the processing d distribution of radium, radon, and dioactive substances required for scien-ic, medical and industrial purposes. The ntre is to be operated by Thorium, Ltd., ting as agents for the Ministry of Supply, d the Minister is to purchase the com-ny's plant and business (except for the anufacture of luminous and other second-y products). The extraction or radon, hich, during the war, was carried out at rton-in-the-Clay, Bedfordshire, is to be ansferred to the new centre, and in addi-on the business of filling radium into ntainers, undertaken for many years by hnson, Matthey & Co., Ltd., is being nded over voluntarily to the new centre. is expected that work, particularly on the tificial substances, will increase consider-ly, and it is planned, later, when the short-e of building labour has eased, to remove e centre to new premises. The work of the ntre is to be integrated with the Ministry's tivities in the field of atomic energy, and ill be controlled by a Council which will clude representatives of the Ministry, the anaging agents, and users of the products.

Registered Pharmacist's Union.—A re-ort received by the Editor contains the llowing information about a meeting of under members of the Registered Phar-acists Union, held on September 22 at 5 Russell Square, London, W.C.1, Mr. . Pegg, B.Sc., M.P.S., in the chair. After scussion on the rules it was agreed that here should be a council of twenty-one embers and a general secretary. A pro-sional council would hold office until ebruary 1947 when a full election would ake place. A general secretary and sixteen members were appointed, with power to co-opt a further five, taking into account the geographical and sectional omissions from the provisional council. The council was to be elected on a territorial basis, members serving for three years, one third of their number retiring each year. Sectional interests were to be organised within the union, and advisory committees set up. Solicitors and bankers were appointed. The annual subscription for pharmacists qualified less than three years was to be £1 1s.; for all other pharmacists, £1 11s. 6d. The following agreed to serve on the provisional council and were elected unanimously:—Messrs. G. H. Armitage, East Barnet; R. G. Collins, Birkenhead; J. E. Crowe, Sheffield; H. T. Franks, Torquay; R. A. Hackney, Stoke-on-Trent; W. C. King, London; F. Lord, Hove; A. G. Madge, Plymouth; J. B. Morris, Wigan; R. McD. Murray, Middlesbrough; L. Pegg, London; W. E. Phillipson, Manchester; J. Ross-Mansell, Edgware; E. H. Sheard, Dartford; Mrs. K. Collins, London; Mrs. G. V. Webb, St. Albans, with Dr. R. Clitherow as general secretary. (Editorial comment, p. 429.)

IRISH NEWS

Ulster Council Election.—The result of the election for the Council of the Pharmaceutical Society of Northern Ireland will be declared at the annual meeting on October 9. The four outgoing members are Messrs. S. H. Forrest, J.P., Bangor; J. Trevor Nicholl, Belfast, a member of the Council for twelve years, who is not seeking re-election; Charles Abernethy, Belfast; and J. Donaghy, Ballymoney. The other candidates are Messrs. P. R. W. Skinner, H. W. Gamble, and W. H. Boyd, all of Belfast. Mr. Skinner is a former president of the Ulster Chemists' Association, and Mr. Gamble is secretary of the Associates' Section.

Lucan Golf Club Dinner.—Pharmacy was well represented at the captain's dinner of the Lucan Golf Club held recently in Lucan, co. Dublin. The captain is Mr. W. R. Such (managing director, Evans Medical Supplies (Ireland), Ltd.), and the secretary Mr. C. F. Power (a director, Jeyes Sanitary Compounds Co., Ltd., Dublin). Also present were Messrs. P. Fahey, M.P.S.I. (secretary, Irish Chemists' Golfing Society, and treasurer, Hermitage Club), J. J. Shiels (captain, Newlands Club), M. J. Byrne (captain, Hermitage Club), A. J. Broughton (president, Greenore Golf Club), J. Belton (captain Clontarf Club) and R. Beattie (secretary, Golfing Union of Ireland).

SEQUEL TO THEFT OF LIPSTICKS

THE theft of 10,000 lipsticks from a factory at Tolworth, Surrey, had its sequel at the County of London Sessions on September 27, when Sidney Engel, an Austrian musician and Gladys Green, both of 28 Great Ormond Street, London, W.C., and Joseph Jay, clerk, 39 Clifton Way, Peckham, pleaded not guilty to receiving 684 lipsticks, value £170, the property of Helena Rubinstein, Ltd., Hook Way, Tolworth. Jay also denied a second charge of receiving 687 stolen lipsticks belonging to the company.

Police Informed

Prosecuting counsel said that in June some 10,000 lipsticks were stolen from the factory at Tolworth. Later in the month, Mrs. Green telephoned Mr. Brown, a chemists' assessor, Shirley Avenue, Cheam, and asked if he were interested in buying lipsticks. She went to his office, accompanied by Engel, who was introduced as her husband. Engel showed Brown a sample of lipstick and said he had 2,000 of them and wanted 7s. each for them. Noticing that they were a Helena Rubinstein product, Brown said he would let them know the same day whether he would buy; he then communicated with the police. Later he said he would have the lipsticks and it was arranged he should collect them the following day from Engel's address. Next day two detective sergeants called on Engel with a search warrant, and in the bedsitting-room found a cardboard carton containing nineteen boxes of Rubinstein lipsticks, 684 in all. Engel said he was a musician who sometimes bought in markets, but he was not in the cosmetic trade and that he had bought the lipsticks from a man named Joe whom he had met in Petticoat Lane. In the pocket of a suit hanging behind a door the police found a piece of paper upon which was written, "Joe Jay, 52 Mostyn Road, Brixton; message: Syd says he will have the lipsticks. Ring early in the morning." Engel agreed that Jay was the man from whom he had obtained the lipsticks. Both Engel and Green were cautioned. Engel said Jay had told him the lipsticks were worth 5s. each, and Engel could get 7s. for them. As it was a good proposition he did not ask questions.

The following afternoon a detective sergeant, who was keeping observation on Engel's flat, saw Jay arrive in a car. The officer disclosed who he was and, on searching Jay's car, found a suitcase containing 687 lipsticks. Asked where he got them from, he said he bought them from a man named Jack in Petticoat Lane, but did not know where he lived.

Evidence was given that the retail price of the lipsticks was 10s. 10d. and the wholesale price 8s. 8d., which included 4s. 4d. purchase tax. The lipsticks were in short supply, and only three dozen monthly were supplied to any individual retailer.

Giving evidence on his own behalf, Jay said he had had previous deals with Jack, who said he had 2,000 lipsticks. He telephoned Engel and asked if he were interested. It was not within his knowledge that lipsticks were in short supply, as he had seen them in the windows of hairdressers' and chemists' shops.

Engel said that for many years he had bought in markets, but he had not dealt in lipsticks and did not know their value. When Jay offered him 2,000 he was prepared to accept them if he could make a profit. Mrs. Green contacted Brown because she knew he dealt in chemists' sundries. He had no idea the lipsticks had been stolen otherwise he would have had nothing to do with them. The case was adjourned.

LEGAL REPORT

Face Cloths at Excessive Prices.—R Sumner & Co., Ltd., manufacturing chemists, Hanover Street, Liverpool, were fined a total of £30, with £6 6s. costs, at Liverpool city magistrates' court on September 25, on six summonses of having sold face cloths to retailers in Liverpool and North Wales in excess of the maximum price. The summonses were stated to involve a total of 28 doz. face cloths, "also known as face gloves," sold in each case at 11s. doz. The maximum price was 5s. 6d. doz. and the total excess charge was £7 14s. It was not suggested the offences were committed deliberately. There had been carelessness on someone's part. Messrs. Sumner's were a firm of high repute, established for more that 100 years. For the defence, it was stated that face cloths were bought and sold by the company as toilet bags, and on that basis no illegal profit was made. The fault was due to a departmental manager who failed to carry out an instruction that, if in doubt when dealing with new suppliers, he should consult the executive. Imposing the fine, the stipendiary magistrate said he accepted the explanation that the company was let down by a departmental manager but they were legally responsible for his acts.

TOPICAL REFLECTIONS

terations

Congratulations to Messrs. Marks & Son Clevedon on the renovation of their armacy will no doubt be accorded by ny readers of your article on the subject p. 403-405). The accomplishment of ensive alterations under post-war condi-ns is a notable achievement, and your ount of it may encourage other proprie-s who are anxious to carry out needed provements but are dubious about the nces of success. Everyone who has had perience of structural changes in business ows how exasperating they can be. Even ve choose to ignore present hold-ups aris-from war demands, the course of con-plated operations is not likely to "run oth" in every respect. In the first ce there are plans, preferably designed an architect, to be considered. These ns may disclose unsuspected weaknesses the fabric of the building—weaknesses ling for drastic treatment as a prelimin-measure. The next step may be the dis-ery that the designer's plans do not cor-pond with the proprietor's idea of what wanted: they are then scrapped, and sh plans are prepared. From the time work is started, the chemist and his staff ry on in an atmosphere of dust and se, with frequent shifting of stock to keep clear of the actual area of the upheaval. need not continue this sketch. Those o have been through the process will, think, agree that once in a lifetime is ough for the average chemist. The bene-derived from the change has been well d truly earned.

Concentrated Oil

The paragraph on a concentrated onion (p. 397) is possibly of more direct in-est to cooks than to pharmacists. It ght have been welcomed by the anony-us lord in the first scene of "The Tam-of the Shrew," when he was ordering onion, wrapped in a napkin, for the duction of "commanded tears." dents of pharmaceutical history may well nder how it came about that of the five mmonly cultivated species of *Allium* ion, leek, garlic, shallot, chive), garlic k the lead in classical and mediæval dicine. The English name is a compond the old English *gár,* a spear, and *léac,* ek. The first half of the word, was, no ubt, suggested by the shape of the plant's ves. The idea, once prevalent in Greece, ina and elsewhere, that garlic was useful for the purpose of keeping witches at a distance may have originated from reflection on its pungent odour. I do not stress this much-adopted conjecture, for when we look into the medicine of classical and post-classical times we find that the underlying conceptions are closely interwoven with philosophy and, in some cases, with religion. The hanging up of garlic as a precaution against witchcraft was noted (by Reginald Scot) as late as 1584, when it was stated to be still customary in some countries. Horace once referred to the plant as "cicutis allium nocentius"—garlic more noxious than hemlock; but an allowance for poetic licence is desirable. In recent years garlic has been recommended for some forms of tuberculosis. References will be found in the "British Medical Journal" for the second half of 1912.

Smart Boys

Not every lad who answers the notice "Smart boy wanted" or its equivalent (p. 386) becomes a peer of the realm. Perhaps it is as well. In the early years of the present century Fred Reynolds enlivened your columns with cartoons conveying much of the amusement derivable from the errand-boy species. It will be a dull day when these youngsters cease to brighten our shops with their presence and their quaint sayings. The numerous Christian names that they introduce are apt to be a drag on the easy running of the establishment. One Victorian chemist whom I knew got over this difficulty by giving all his errand-boys the same name. Whether that was an original solution I do not know. Breakages are the reverse side of this entertainment. The refrain, "Please, sir, it *was* cracked," recurs with unwelcome monotony. The chemist who sees a cherished piece of apparatus "go west" in the hands of one of these aspirants may console himself with the reflection that he is entertaining an embryo peer unawares. Or he may not. Beyond the breakages problem there is the possibility of becoming responsible for some freak perpetrated away from the premises. Reports of monthly meetings of the National Pharmaceutical Union Executive contain evidence of this. The expression "cycling errand-boy" appears in most of them, and the robustness of design of the trade bicycles offered by the cycle manufacturers suggests that it is not the machine which, by breaking down, gives rise to an incident from which a claim results.

Xrayser

COMPANY NEWS

MAYBORN PRODUCTS, LTD. (P.C.)—Capital £1,000. To carry on the business of manufacturers, bonded and general warehousemen, dealers in dyes, cosmetics, special foods, chemicals and various other goods, etc. The Hon. Peter M. Samuel (chairman), and Frederick F. Sharles, directors. Solicitors: Waltons & Co., London, E.C.3.

E. K. MONKS, LTD. (P.C.).—Capital £2,000. To acquire the business of a pharmaceutical chemist and photographic dealers and processor, carried on by Edgar K. Monks. Edgar K. Monks, and Denys O. K. Monks, both of 58 Coldharbour Lane, London, S.E.5, directors. R.O.: 58 Coldharbour Lane, Camberwell, London, S.E.5.

J. R. MANSON (CHEMISTS), LTD. (P.C.).—Capital £500. To carry on business of chemists, druggists, etc. Leslie R. Binns, 27 Hill Court, Surbiton; John R. Manson, 33 Southbank Lodge, Surbiton; and R. F. Randall, 338 Finchley Road, London, N.W., directors. R.O.: 4 Broad Street Place, London, E.C.2.

DOUGLAS MARSHALL, LTD. (P.C.).—Capital £100. To carry on business of manufacturers of, and dealers in, chemicals, disinfectants, dyes, medicines, oils, etc. A. D. Marshall and Lily Marshall, both of End Oak, Water Lane, Bovingdon, Herts, directors. R.O.: 10-12 Copthall Avenue, London, E.C.2.

BRITISH TECHNICAL PLASTICS, LTD. (P.C.).—Capital £7,000. To carry on business of manufacturers of, and dealers in, plastic products in connexion with the dental, medical and optical trades, etc. M. Rosen and B. Rosen, both of 44 Moor Crescent, Gosforth, Newcastle-on-Tyne, directors. R.O.: Mason Avenue, Whitley Bay, Northumberland.

JAY GLAMOUR PRODUCTS, LTD. (P.C.).—Capital £100. To carry on business of beauty specialists and experts, manufacturers of and dealers in perfumes, essences, ointments, lotions, creams, etc. Mrs. Phyllis C. Jay, 72 Fairways, Dyke Road, Brighton, and Leopold Marks, 29 Fairways, Dyke Road, Brighton, directors. R.O.: Mitre House, Western Road, Brighton.

J. H. SHARDLOW & SON, LTD. (P.C.).—Capital £3,000. To acquire the business of a mineral water manufacturer carried on by J. H. Shardlow at Portland Works, Clarence Road, Worksop. J. H. Shardlow, 6 Shepherds Avenue, Worksop; and J. R. Shardlow, 9 Oakholme Rise, Worksop, directors: R.O.: Portland Works, Clarence Road, Worksop.

ANGLO-AMERICAN DISTRIBUTING CO., LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturers, exporters, importers, merchants, shippers and factors of beauty preparations, chemicals, soap, toilet requisites, medicines, bottles, jars, containers, etc. The first directors are to be appointed. Solicitors: Kaufman & Co., 72 New Cavendish Street, London, W.1.

DEREK CLARKE, LTD. (P.C.).—Capital £10,000. To carry on business of consulting, analytical, manufacturing, pharmaceutical and general chemists, druggists, sundriesmen, etc. Derek B. Clarke, 29 Sudbury Avenue, London, N.W.7; Bernard Nokes, 105 Cheyneys Avenue, Canons Park, Edgware; and Wm. R. Sercombe, 98 Whitchurch Lane, Edgware, directors. R.O.: 73 Station Road, Edgware.

B.E.P. PRODUCTS, LTD. (P.C.).—Capital £100. To carry on business of manufacturers of, and dealers in, chemicals, gases, drugs, medicines, etc. Percy L. Braithwaite, Rock House Flats, Cromford, Derby; Alfred H. Preston, Giessbach, Beacon Road, Loughborough; and Wm. A. Edward Ryburn, Westfield Drive, Loughborough, directors. R.O.: 5 Gregory Street, Loughborough.

SCALPHILIN PRODUCTS, LTD. (P.C.).—Capital £1,000. To manufacture and deal in medicated ointments, embrocations, salves, patent medicines, etc. Edwin Cooper, Pendle, Park Lane, Penwortham, nr. Preston; Leslie J. Norfolk, 11 South Terrace, Buxton, nr. Chorley; John Leather, 14 Hawthorne Road, Deane, Bolton; and Winston Crumblehulme, 2, Halliwell Road, Bolton, directors. R.O.: Saville Street, Bolton.

LUCTA, LTD. (P.C.).—Capital £100. To establish in the U.K. the name of Lucta which is that of a Spanish company, Lucta S.A., manufacturing and marketing in Spain beauty preparations, and that of the South American subsidiary, Lucta S.C. of Buenos Aires, registered there as a general importing and exporting business; to take over and exploit the patent rights of Lucta S.A. in the United Kingdom, etc. L. Instone-Gallop, Overbrook, Farley Green, Surrey; Adrian G. Phillips, 10 Offington Drive, Worthing; and Gregario Morente Valle Hermoso 9, Madrid, Spain, directors. R.O.: 32 Holborn Viaduct, London, E.C.

BUSINESS CHANGES

Mr. James Auld, M.P.S., has acquired pharmaceutical business of Mr. F. Mele at Muirkirk, Ayrs.

Mr. W. Robertson, M.P.S., has acquired pharmacy of Mr. A. M. Henry at 435 scube Road, Glasgow.

Cellucotton Products, Ltd., have oved to 33-34 Aylmer Parade, Highe, London, N.2 (Telephone: Mountview 5).

Mr. Francis Melrose, M.P.S., has uired the pharmaceutical business of J. W. McCallum at 47 Princes Street, drossan. [Corrected note.]

Campbell Bros., Carter & Co., Ltd., ve removed their offices to Stafford use, 14 King William Street, London, C.4.

Antoine Chiris, Ltd., have removed ir laboratories and warehouse to Bridge use, Tadworth, Surrey. Telephone: dworth 2207.

Mr. C. C. Cullinane, M.P.S., has joined technical staff of Potter & Clarke, Ltd., ndon, as manager of the tablet group of partments.

Flight Officer C. L. Millman, A.A.F., 37 Dugdale Road, Beacon Park, rmouth, has been appointed officer in rge of stock control at the Redundant r Stores Park, Hong Kong.

Mr. John J. Power, M.P.S.I., has uired the business formerly carried on Mr. James Keating at 17 Moore Street, blin. The business was established in 96 by the late Mr. Richard J. Gore.

Beecham Research Laboratories, D., have removed to Brockham Park, tchworth, Surrey (Telephone: Betchrth 3202). Until further notice the dress of the development division will be Boston Park Road, Brentford, Middlesex elephone: Ealing 6212).

The General Register Office has established at Somerset House, London, C.2, the branches which were evacuated Blackpool in 1939. Part of the statistical anch and the whole of the Central tional Registration Office will remain at uthport.

L. Leichner (London), Ltd., 32 Acre ne, London, S.W.2, opened on October 1 make-up studio at 10 Gt. Newport Street, ndon, W.1. Miss Constance Cummings and Mr. Leslie Banks performed the opening ceremony. The studio, which is fitted with a new form of lighting, will provide a free service by experts on make-up. No goods will be offered for sale at the studio.

The Association of British Chemical Manufacturers is arranging for the establishment of a branch office in Bombay. Mr. R. Murdin Drake (joint manager of the Association) is leaving shortly for India; he will be accompanied by Mr. A. St. J. Shuttleworth, who has been appointed manager of the Bombay office. Messrs. Drake and Shuttleworth will make arrangements to meet in India those who are interested in any way in the services which the branch office hopes to be able to offer. Their address for correspondence for the immediate future will be c/o Hongkong & Shanghai Banking Corporation, P.O. Box 602, Bombay.

PERSONALITIES

Mr. I. C. Leggat has passed the final examination for the degree of B.Sc. in pharmacy at Glasgow University.

Councillor Ewart Woolley (a principal of Cupal, Ltd.) will defend at the November elections the seat on the Blackburn Council that he won in 1935.

Mr. Michael Morris (chairman and managing director of Morris Sundries, Ltd., and Michael's Chemicals, Ltd., Blackpool and London), is contesting Foxhall Ward in the Blackpool municipal elections in November.

Mr. Alfred Marsland, M.P.S., 160 Curzon Road, Ashton-under-Lyne, Lancs, has retired after being in business in Cockbrook for forty years. He opened the pharmacy in 1898 for the late Mr. Crompton; after a period away from the district he returned and bought the shop in 1906.

Mr. S. Brook, managing director of the Westminster Laboratories, Ltd., London, N.W.1, contributed a letter on "patent" medicines which appeared in the "Lancet," September 28, p. 471. Mr. Brook suggested in his letter that the reforms suggested by Mr. Linstead in his "Indictment" (see *C. & D.*, August 31, p. 273) were somewhat cumbersome. The first aim, in Mr. Brook's contention, should be to confine the sale of "patent" medicines to qualified chemists; he also suggested that the medical profession should support the Chemists' Friends Association.

TRADE NOTES

Hair Curlers.—S. & D. Rivet Co., Ltd., Temple Road, Leicester, announce that supplies of Ariel hair curlers are in the hands of trade wholesalers.

Five-day Week.—The London Rubber Co. (Elarco, Ltd.), North Circular Road, Chingford, London, E.4, have instituted a five-day week.

Grecian Sponges.—A consignment of sponges from Greece has been received by Beutisales, Ltd., 35 Old Bond Street, London, W.1, who invite inquiries from chemists.

Again Available.—M.P. Chemical Products, Ltd., Northgate House, 20-22 Moorgate, London, E.C.2, state that the emulsifying agents Emulgator 157/2, Protegin and Protegin X are again available.

Scorpion "Signs-off."—With the appearance in this issue of an advertisement based on the Zodiac sign Scorpio, a series of advertisements based on these signs is terminated by the advertisers, Potter & Clarke, Ltd., London and Manchester.

Advertising to Doctors.—"The Story of Antiphlogistine" is being told in a series of advertisements which the manufacturers, the Denver Chemical Manufacturing Co., London, N.W.9, have booked in medical journals.

Chemists' Overalls.—Details of sizes and prices of white drill jackets and long coats for men, and white and coloured overalls for women, are given in an announcement in this issue by Gardiner & Co (The Scotch House), Ltd., 1 Commercial Road, London, E.1.

Change of Formula.—Thomas Keating, Ltd., Station Mills, Billingshurst, Sussex, announce that, from November 15, Keating's powder will be available in cartons of two sizes, and that, from that date the powder will contain dichloro-diphenyl-trichloroethane (DDT). There is no change in retail prices or trade discounts.

Sulphacetamide.—Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1, issue sulphacetamide and sulphacetamide soluble under the trade-marks Steramide and Steramide soluble. A booklet describing the use of these well tolerated sulphonamides in the treatment of infections of the urinary tract and of the eyes, of burns and general infective conditions, is available from the manufacturers.

Soft Drinks Bottles.—The urgent request is made by The Soft Drinks Industry (War Time), Association, Ltd., 42 Upper Grosvenor Street, London, W.1, that a S.D.I. bottles should be accepted by retailers whether the customer obtained it from the retailers concerned or from some other source. Bottlers and wholesalers are prepared to accept any type of S.D.I. bottle offered and to credit the retailer with the standard allowance.

Price Reduction Postponed.—In order to give chemists a full opportunity of clearing stocks of Sevenseas cod-liver oil at the old prices, the new reduced prices to the public of this product will not take effect until November 1 instead of on September 30 as previously notified by the manufacturers, British Cod Liver Oils (Hull & Grimsby), Ltd., St. Andrew's Dock, Hull. Chemists are asked to order as large a proportion of their requirements as possible in the 6-oz. size, owing to shortages of the larger sizes of bottle.

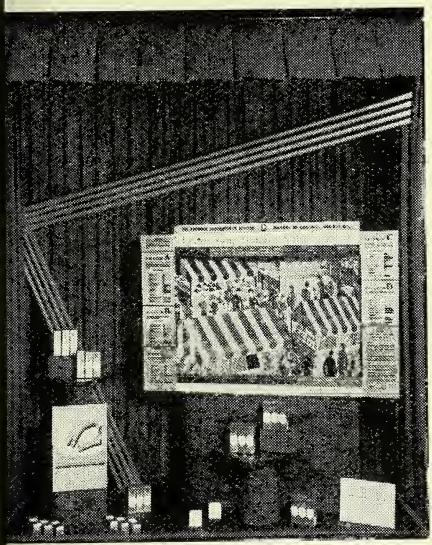
Copies of Letters Asked For.—Albright Fillers & Engnieering Co., Ltd., announce that despite a burglary, followed by a fire which took place at the company's premises during the night of September 20, and which totally destroyed the general office, production is maintained, because neither the works nor the drawing office were affected. Correspondence and orders recently received were, however, destroyed and friends who have not received replies to letters, or acknowledgements of orders are asked to send copies.

Booklets.—May & Baker, Ltd., Dagenham, have recently issued twelve-page booklets on the use of pheniodol as a contrast medium in cholecystography and of Neo-Varicane brand monoethanolamine oleate solution as a sclerosing agent. Pheniodol is issued by the company as a powder in bottles of 25 gm.; granules in single-dose containers of 6 gm., singly and in boxes of six; suspension in bottles of 1 and 6 fl. oz.; and tablets in tubes of six 0.5 gm., boxes of six tubes, and containers of 500 0.5-gm. Neo-Varicane is supplied in boxes of six and twenty 2-c.c. ampoules, and bottles of 25 c.c. of a 5 per cent. solution.

Packaging Competition.—A packaging competition is being organised by the Central Institute of Art and Design for the Metal Box Co., Ltd., London. The competition is in two sections: I, open to professional designers and art students; and II, excluding professional designers and a

udents. Each section includes a subsec-
on, Chemist, under which designs may be
tered for packages relating to commodi-
s generally sold by pharmacists. The prizes
the subsection are, 1, £50; 2, £25;
£10; Supplementary (for powder-dis-
nsing device), £20. Copies of rules and
t of judges may be obtained from the
mpany. The closing date for entries is
nuary 4, 1947.

Halibut-oil "Season." — The Crookes
aboratories, Ltd., Gorst Road, Park Royal,
ondon, N.W.10, announce the start of
eir new season's advertising campaign for

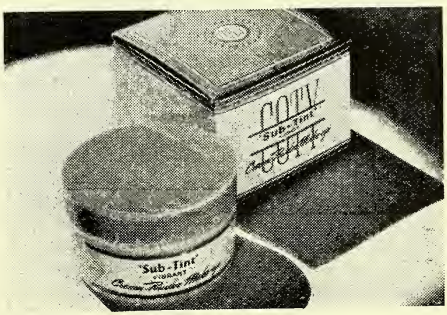


rookes halibut-oil. The campaign opens
fficially on October 1. Public Press adver-
sements showing the now familiar hand
nd capsule are appearing and a striking
structional display piece is available in
e set window show illustrated. The re-
troduction is simultaneously announced of
ne 25-capsule pack offer in bonus parcel
O', particulars of which have been mailed
o the trade. Owing to the continued bottle
ortage, supplies are necessarily limited
nd orders are being executed only in strict
otation.

Reason for Local Shortages.—Moore
Medicinal Products, Ltd., Aberdeen, Scot-
nd, state that 60,000 copies of a twelve-
age booklet describing the use of the
eedon inhaler in penicillin administration
ave been sent to doctors and hospitals throughout the United Kingdom. These brochures describe the company's new range of all-plastics inhalers, and discuss the technique of penicillin and Brovon aerosol therapy. Many doctors are complaining about not being able to obtain supplies in their own districts and chemists are asked by the makers to note that, as it is only four months since the inhalers were introduced to the trade, it has not yet been possible to organise complete distribution.

125-acre Chemical Plant.—Negotiations between Monsanto Chemicals, Ltd., and the Newport Development Committee have been concluded, under which the company acquires a 125-acre site in the Newport development area for the construction of a chemical works. Every endeavour is to be made to have the activities in production by early 1948. Full-time employment will be available for 500-600 local men. Dr. Nickell (chairman of the company) stated recently that the project is only part of the company's £2½ million plans to expand their manufacturing and research activities, established at Ruabon and Sunderland for nearly twenty years. A large proportion of the amount had been allocated for plant extension and the building of research and development laboratories at Ruabon, some of which were now in hand. Laboratory construction was scheduled to commence early in 1948 and, when completed, it would result in laboratories believed among the best equipped of their kind in the country.

"Sub-Tint" Make-up Cream.—Details of a new Coty product, Sub-Tint cream make-up base, are advertised in this issue



by Coty (England), Ltd., Coty House, 3 Stratford Place, London, W.1. This attractive line, which will be available in the next home-trade quota, is packed in four shades: vibrant, light, medium and dark.

BIRTH

GRAHAM. — At Thorpe Hall, Peterborough, on September 22, Elizabeth, the wife of Alexander M. Graham, M.P.S., of a daughter (Thelma Jane).

MARRIAGES

HAPPOLD—GOLDNEY.—At Bickley, Kent, recently, Harold Carl Happold, M.P.S., 84 Coleraine Road, Blackheath, London, S.E.3, to Maud Liege ("Bubbles") Goldney, Chislehurst, Kent.

FORESTER—HANCOCK.—At New Mills, Cheshire, recently, Alan Vincent Forester, M.P.S., 18 Norwood Avenue, High Lane, near Stockport, Cheshire, to Gwendoline Hancock, New Mills.

Golden Wedding.—COOK—JOHNSTON.—At Glasgow on September 25, 1896, Robert Cook, M.P.S., Edinburgh, to Mary Tait, Glasgow. Present address, 101 Drumlanrig Street, Thornhill, Dumfriesshire.

DEATHS

BARKER.—Reported missing on September 13, 1944, and now officially presumed killed, Mr. Ernest William Henry Barker, M.P.S., 88 Gunnersbury Avenue, Ealing, London, W.5. Mr. Barker qualified in 1935.

BARRETT.—On July 18, after a short illness, Mr. Allan Lifton Barrett, Malta, formerly of Hay, Breconshire. Mr. Barrett qualified as a chemist and druggist in 1890.

CRACKNELL.—On September 14, Mr. Phillip Gordon Cracknell, Ph.C., 675 Holloway Road, London, N.19. Mr. Cracknell qualified as a chemist and druggist in 1912 and as a pharmaceutical chemist in 1914. During the 1914-18 war he was for a time laboratory manager for W. Martindale, 10 New Cavendish Street, London, W.1. He was an active member of the North London Pharmaceutical Association.

FULLERTON. — On September 18, Mr. David Noble Fullerton, Wallasey, Ches, formerly of Upper Norwood, London, S.E.19, aged 70. Mr. Fullerton qualified as a chemist and druggist in 1898.

LARBY.—Previously reported missing, now officially presumed killed on air operations on May 22, 1944, Mr. Harold Joseph Larby, 11 Romney Road, New Malden, Surrey. Mr. Larby qualified in 1936.

LAVERACK.—Formerly reported missing, now officially presumed killed, Mr. John Owen Laverack, M.P.S., 18 The Mount, Malton, Yorks. He qualified in 1938.

THOMAS.—Previously reported missi now officially presumed killed in Decemb 1944, Mr. Henry Richard Thomas, M.P. Civil Medical Stores, Maradana, Colomb Ceylon. Mr. Thomas qualified in 1912.

THOMAS.—Found dead in Burma September 15, Sergeant A. E. Thom M.P.S., R.A.M.C., proprietor of a pha macy in Wallasey Road, Wallasey, ag thirty-one.

WILLS

MR. JAMES ALEXANDER SHARP, Covena Road, West Southbourne, Bourn mouth, left £2,799, with net personal £2,754.

MR. ROBERT JAMES SMITH, M.P.S., Mabfield Buildings, Wilmslow Roa Fallowfield, Manchester, left £2,091, wi net personalty £733.

MR. HENRY ATLAS, 11 Garrick Aven Golders Green, London, N.W., manufact ing chemist, left £6,018, with net persona nil.

MR. WILLIAM HENRY DELVE, M.P. Yelverton By-pass Road, Billingham-c Tees, co. Durham, left £3,134, with r personalty £3,068.

MR. WILLIAM TYRREL ARMITA M.P.S., 82 Fishponds Road, Wandswor London, S.W., left £712, with net p sonalty £645.

MR. GEORGE WILLIAM WHITE, 23 He ford Street, London, W.1 (Imperial Cher cal Industries, Ltd.), left £32,026, with r personalty £31,722.

MR. WILLIAM SELBY ENNALS, M.P. Stradella, Kings Head Lane, Lond Colney, Herts, left £3,375, with r personalty £2,033.

MR. JOHN HENRY WILLIAM RI TURNER, M.P.S., 31 Broom Lane, Roth ham, Yorks, left £1,664, with net p sonalty £6,183.

MR. CHARLES ERNEST BOUCHER, Ph. Netherdown, The Avenue, Stoke Bish Bristol, former chairman of Ferris & C Ltd., left £66,649, with net persona £61,067.

MR. HERBERT GEORGE PATTISON, M.P. 38 Corn Market, Derby, £30,474, wi net personalty £13,043. He left 5 Ordinary shares in Harts, The Chemi (Derby), Ltd., or £500, to his assist George C. Gaskin, "as a mark of apprec tion of faithful services rendered over number of years".

RECOVERY AFTER BARBITURATE OVERDOSAGE

THE successful recovery of a woman patient who had taken forty Luminal tablets, eighteen Soneryl tablets and four Nembutal capsules, is described by Misir ("Lancet," September 14, p. 381). The patient had been unconscious for at least fourteen hours before admission to hospital, and was deeply comatose and flaccid, with all reflexes absent. She was given three ampoules of lethamide (1.25 gm.) and later 10 mgm. of picrotoxin intravenously, but did not respond. Intramuscular injections of picrotoxin, 10 mgm., were given intramuscularly every fifteen minutes, except for short intervals, during the next three days. A total of 1,020 mgm. was administered. On the evening of the third day the patient became very restless and was almost fully conscious.

Picrotoxin Injections Discontinued

All her reflexes were again present and picrotoxin injections were therefore discontinued. By the next day she was fully conscious and able to speak rationally. On the third day, while still unconscious, the patient became febrile and "chesty," but responded well to full pneumonia dosage of sulphapyridine by intramuscular injection. Another patient admitted to hospital in a state of unconsciousness was found to have taken about 100 tablets of Soneryl, gr.-1½. A stomach washout was performed immediately, and picrotoxin, 10 mgm., was injected intravenously, but without effect. About two hours after admission, intramuscular injections of picrotoxin were begun. A dose of 5 mgm. of freshly-made aqueous solution was given every fifteen minutes, with a few short lapses, for four days. On the fourth day the patient became restless, and showed signs of returning consciousness. When picrotoxin was discontinued, however, she relapsed into unconsciousness, and administration of the drug was therefore resumed until the next day, when the patient had definitely regained consciousness. During her unconscious period she was fed nasally with small glucose feeds. On the third day the patient became febrile and "chesty," and full pneumonia dosage of sulphathiazole was commenced. This had little effect on the temperature and was discontinued after three days. On her return to consciousness she was found to have a right lower lobar pneumonia which developed into an empyema. Rib-resection was performed, the empyema cleared up, and the right lung expanded fully. The patient then developed a left-sided empyema, for which she also had a rib-resection. The patient was discharged from hospital after five months, and radiographs showed clear lung fields after a total of ten months. American trials of amphetamine in barbiturate poisoning were described in the *C. & D.*, September 7, p. 311.

NEW BOOKS

Structure des Emulsions, des Emulsoïdes et des Suspensions Utilisés en Cosmetique et en Pharmacie.—Emile Mahler. 9¾ in. x 6½ in. pp. 86. Librairie Maloine, S.A., Paris. Price not stated. [From the research laboratories of the Etablissements Gattefossé.]

To be compelled to make constant use of one's penknife on the uncut pages of a work from the *Laboratoiries de Recherche des Etablissements Gattefossé* is, for a *C. & D.* reviewer, simultaneously to renew two acquaintances cut off during war years: the first with French publishing methods, so different from British practice, and the second—if only indirectly—with a valued contributor of pre-war days, M. Gattefossé. The characteristic approach of M. Gattefossé, a blend of objective science and subjective philosophy, is shared in this monograph from the pen of one of his collaborators. The work abounds in informative diagrams, coefficients and formulas, and is interspersed with illuminating comments, some of which have almost a note of prophecy. For example: "A pomade is more or less hard; a cream more or less soft; a milk, almost fluid; a lipstick can be soft, hard or very hard, but these expressions, however descriptive, do not constitute a measure. A precise figure would, it would seem, better inform sellers, buyers and technicians, and the manufacturer could, to establish the identity of his product, measure its hardness, compare it with previous productions, and establish a norm to observe." The quotation epitomises the author's approach to the cognate subjects of dispositions, true emulsions, suspensions, stearic emulsions, emulsoids with oily continuous phase, and so on. Not the least valuable content of the book is a tabulation of eighteen different products of emulsion type. There are eight pages of photomicrographs reproduced on art paper. Present diffculties of production are, unfortunately, reflected in the large number of errata, which, it may be hoped, will be fewer in future works from the same laboratories.

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VOL. CXLVI OCTOBER 5, 1946 NO. 3478

The Wrong Way to Go About It

WITHOUT doubt pharmacists already owe much to the energy and drive of Dr. Clitherow, one of the few representatives of the craft in the House of Commons. His efforts on their behalf have been outstanding, and it needs no special insight to appreciate that so doughty a champion may be of inestimable value during the forthcoming negotiations on remuneration under the National Health Service: recent reactions of the doctors and dentists to Government proposals suggest that claims may not be met without a tussle.

It is generally agreed that unity in the craft is most desirable and even essential at the present stage, and no doubt that has been in Dr. Clitherow's mind in sponsoring "Registered Pharmacists' Union" to include both self-employed and employee members of the Pharmaceutical Society. Mr. Linstead, the secretary of the Society and a parliamentarian of different political colour from Dr. Clitherow, has himself stated that some such development in pharmaceutical organisation is "bound to come." In these columns we have shown ourselves not unfriendly to the idea.

Nevertheless, we feel compelled to state that in our view Dr. Clitherow is now going the wrong way about achieving his objective. His methods, as illustrated in reports given in our news columns this week, appear calculated to weaken if not prevent the very unity which it is his aim to promote. They reflect an apparent lack of confidence in the accepted workings of democracy. Having secured, at the meeting of invitees at which his proposals were first put forward (*C. & D.*, August 10, p. 170) a measure of encouragement to advance a further stage, his proper course was to call a meeting open to every interested pharmacist. Instead, he appears to have called a private conclave of those, some seventy in number, who gave in their names at the first meeting, and these, or such of them as attended the second, proceeded to appoint a "provisional" council, and settled on a date as far ahead as next February on which to submit themselves to an election. Though "provisional", they have shown no diffidence in deciding upon an annual subscription and in laying down, for example, that the basis of election shall be territorial. It will not pass without note that membership of the provisional committee includes the names of a number of men who have consistently failed to secure the support of their fellow pharmacists in elections to the Society's Council.

Generally, the result is that criticism, even constructive criticism, has been stifled until February 1947. It is open to any pharmacist to apply for membership, but he must be prepared to take on trust what the self-appointed provisional council decrees. Only sixteen are at present appointed; the other five are to be co-opted by the sixteen. In our view any short-circuiting of the normal workings of democracy robs an organisation of the spontaneity and broad-based support which it must have in order to survive.

What we fear is likely to happen is that many pharmacists who were prepared at the least to seek further information, may decide, knowing how the provisional council was formed, and noting that the subscription is to be equal to the amount, until recently, of the statutory fee for retention of their name on the Register, that they already know enough. That would be a pity, for the proposal to form a "craft" union had, at the outset, elements of promise. Along the lines now disclosed, the sixteen craft-unionists of Russell Square are likely to secure notoriety of the same sort as the four tailors of Tooley Street, who addressed the Government of the day: "We, the people of England . . . ."

Design and the Chemist

THE "Britain Can Make It" exhibition has focussed the world's spotlight on the design of British goods. Economic necessity has naturally tended to lay emphasis on the commercial virtues of good design, for obviously the best designs will capture the markets. A wider significance was attached to the much abused word design, however, by Sir Charles Tennyson when he summed up an industrial design conference held recently in conjunction with the exhibition in London. "We want to bring into the service of industry," said Sir Charles," the best artistic abilities of the nation, so that artists can extend their influence beyond the walls of galleries and museums, and reach the homes and lives of the people." In other words, what is worth making is worth making beautifully. The art galleries, the museums, the concert halls, are still the domain of the few: the public must go to the artist. It is in the design of everyday things that the artist can make contact with the public.

Speakers at the conference discussed many factors that made difficult the introduction of good design; but the final criterion will always be the standard of public taste. Mr. H. A. Holmes (Selfridges, Ltd.) pointed out that herein lay the opportunity of the retailer, the vital link between the manufacturer and the public. More than anyone else, the retailer could educate the public to appreciate and demand good design in the goods displayed and sold in the shops.

Goods sold by the chemist touch the lives of the people more frequently, perhaps, than those of any other retailer; in every household activity, in sickness or health, the chemist's products are to be found. All the more reason, then, why they should reflect all that is best in British design. About every product it should be possible to give satisfactory answers to such questions as: Is it designed to fulfil its functions perfectly, no matter how humble? Does its design honestly indicate its purpose? Have the most suitable materials been used in the best possible way? Has it, so far as possible, beauty of form and colour? Is it in keeping with the spirit of the age?

Traditionally as much adviser as shop keeper, the chemist, by insisting upon th highest standards of design from the manu facturer, and by stimulating the public t appreciate and demand good design i everyday products, can play his part i making the words "British made" the hal mark of good design throughout the worl

Anglo-Soviet Trade

THE news given recently (*C. & D.*, Septen ber 14, p. 321) that, as a result of discussion between officials of the Board of Trade an the Soviet Trade Delegation in this countr an agreement had been reached whic would prepare the way for an expansio of trade between the two countries, is no followed by the announcement (p. 417) tha those territories of the U.S.S.R. which wer occupied by the enemy during the war ar now freed from the Trading with th Enemy Controls. This means, in effec that it is now possible to trade with an territory of the U.S.S.R. (as at Decembe 31, 1938), and, as the great domains of tha country produce a wide variety of ra materials and provide a large potenti market for imported goods, it may b assumed that a resumption of business wi ultimately prove of considerable value t both countries.

It is difficult at the present time to visua lise the extent to which Anglo-Soviet trad may develop. Some indication of th variety and value of the goods exchange before the war may, however, be taken as guide. For example, in 1936 the Sovie Union sent to Great Britain chemical manu factures and products to the value o £52,491 which, however, was much belo the 1934 value of such imports a £134,131. In 1936, drugs and medicine imported from the Soviet Union wer valued at £7,217, but this was a small yea compared with 1932 when the value wa £77,544. Exports of chemical manufac tures to the Soviet Union in 1936 wer valued at £72,097. Other goods of interes to the drug trade imported into Britai from the Soviet Union included (193 figures): Turpentine, £75,057; vegetabl oils, £1,030; bristles, £258,965; glass an glassware, £50,797; starch and prepara tions, £37,715.

BIRMINGHAM ANALYST'S REPORT

The Birmingham city analyst reports having taken 1,262 samples during the second quarter of 1946. Of 122 samples of drugs, eight were found incorrect. A sample of boric acid ointment contained 11.1 per cent. boric acid, instead of 1 per cent. required by the British Pharmacopœia Seventh Addendum. The B.P., 1932, required a strength of 10 per cent. until it was reduced by the Addendum to 1 per cent. from February 1, 1945, and the sample in question was evidently made to the original formula A sample was described on the label as "lemon glycerin," the second word being printed in large type. The constituents of the mixture were given as "Glycerin 40, lemon oil q.s., distilled water to 100." In the opinion of the analyst an article described by such a name as "lemon glycerin" should be compounded with pure, not 40 per cent., glycerin and the makers were asked to consider the amendment of the label so as not to stress the word "glycerin," or alternatively to amend the formula. The firm replied that the whole question of marketing the product in any form was under consideration, and that it was quite probable that, owing to difficulties of supply, it might be withdrawn. A sample of ammoniated tincture of quinine was found to be deficient by 26 per cent. in ammonia, only 0.74 per cent. being present instead of the required 1 per cent. The retailers immediately withdrew their stocks from sale. A sample analysed was found to be 25 per cent. deficient in ammonia, and the retailer thereupon returned his stocks to the wholesale firm. A sample of ammoniated tincture of quinine was 39 per cent. deficient in ammonia. The vendor discovered that this was from old stock.

CUTANEOUS ABSORPTION OF INSULIN

Experimental work on cutaneous absorption of insulin is reported by Russell and others ("Journal of the American Pharmaceutical Association," xxxv. 217). Rabbits weighing between 1.5 and 2 kilos were used as test animals. Between experiments they were kept on a diet of hay and oats, but were not fed for twenty-four hours beforehand and received no food during the experiments. In the first series of tests the hair of the abdomen was removed with an electric clipper, and standard solution of insulin was applied by inunction. No marked lowering of the blood sugar, determined by Folin's micro-method, was observed after inunction of 20, 40 and 160 units of insulin. Earlier workers having suggested that removal of cholesterol from the skin would aid absorbtion of insulin, the solubilities of cholesterol in chloroform, petroleum ether and in ethyl alcohol (95 per cent.) were determined quantitatively. The results are shown in the following table:—

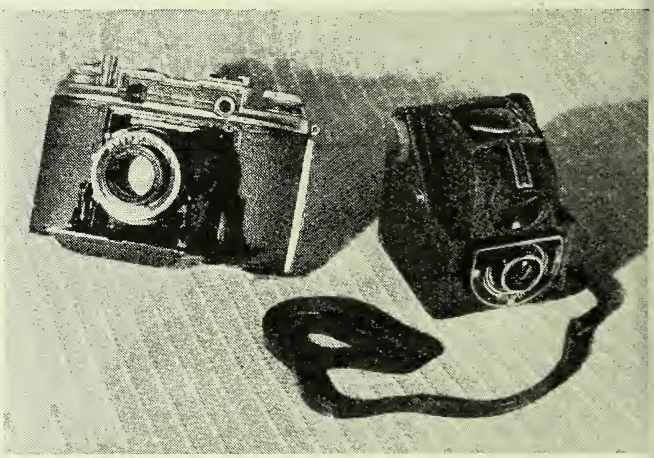
Solubility of Cholesterol (22°)

	Gm./c.c.
In chloroform	0.4819
In petroleum ether	0.0133
In ethyl alcohol (95 per cent.)	0.0084

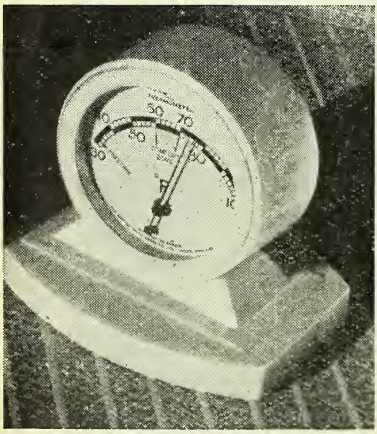
The inunction experiments were then repeated after the skin of the test animals had been treated with chloroform. There was a marked lowering of the blood sugar upon the application of 80 and 160 units of insulin. Little or no lowering was observed with 20 units. Similar experiments in which the skin had been pretreated with petroleum ether showed that inunction of 20 units of insulin produced a pronounced drop in the blood sugar. One experiment was carried out using 80 units and another using 160 units. Both rabbits went into convulsions within two hours. This effect appears to indicate that removal of cholesterol from the skin is not the essential factor in promoting cutaneous absorption of insulin. Pretreatment of the skin with ethyl alcohol 95 per cent. failed to induce any appreciable absorption. The skin areas treated with petroleum ether, and those treated with chloroform, became scaled, crusted and desquamated several days after the experiments, and there was no improvement after two weeks. There was little change in skin treated with alcohol. Attempts were made to rub in insulin incorporated in various ointment bases. There was no lowering of the blood sugar even when the skin had been treated with petroleum ether the duration of action of cutaneously administered insulin is only from five to seven hours. Work is continuing with a new base consisting essentially of stibonite and bloodroot. It is hoped that the duration of the action of insulin from this preparation may be ten to twelve hours or more.

BRITAIN CAN

Selected exhibits from the "Britain Can Make It" Exhibition now open at the Victoria and Albert Museum, London



CAMERAS *Epsilon and Ful-Vue cameras by Ensign, Ltd., London*



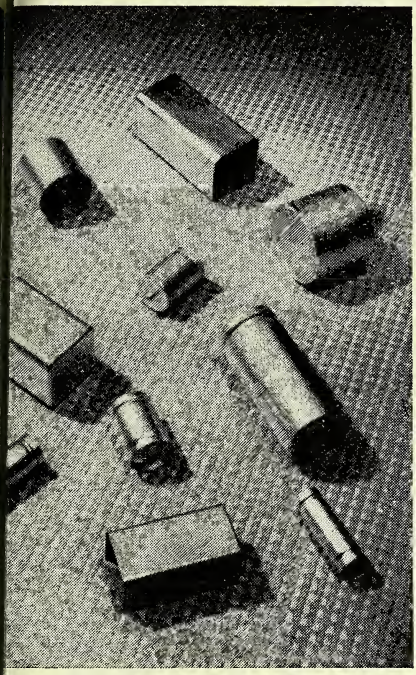
INSTRUMENTS

Merton stand thermometer by British Rototherm Co., Ltd.

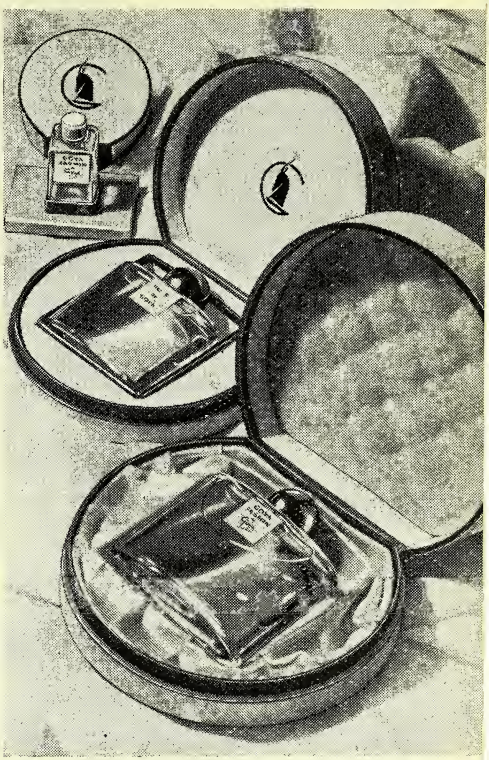


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MR. LINSTEAD AND DR. CLITHEROW AT WIGAN

THE chief speakers at the annual dinner of the Wigan Branch of the Pharmaceutical Society, held on September 18, were Mr. H. N. Linstead, M.P. (secretary, Pharmaceutical Society), and Dr. R. Clitherow, M.P. (provisional secretary, Registered Pharmacists' Union).

National Insurance Bill

MR. LINSTEAD, referring to the National Health Insurance Bill, said he did not think much of the Bill as a Bill, but the pharmaceutical part of it had come out of the maze of the House of Commons very well. Pharmacists had every reason to be grateful for having been able to secure a large measure of independence. They had their representatives right at the top on the Central Health Services Council; they had an assurance from the Minister that he was going to appoint a pharmaceutical standing committee to be his advisers on the Bill, and they had pharmaceutical committees to organise the local areas. In the matter of local organisation, they had been able "to keep out of the town hall." "We love mayors and corporations, and medical officers—at a respectable distance," said Mr. Linstead. Pharmacists had also been able to ensure freedom for the patient to take his prescription where he wanted to take it. He was afraid, at one time, that the health centres would be places where doctors would leave their patients, and where patients would leave their prescriptions. That was not so; there would be no pressure on the patient to take his prescription to the dispensary. "You are going to have every opportunity of retaining your present customers and encouraging them to come along and be served by you," declared Mr. Linstead. There would be a great need for the pharmaceutical committees to get down to the job of linking up to the public health committees and the medical officers, and ensuring a good service.

"Most Disorganised" Among Societies

Another aspect of the new services would be repercussions amongst their pharmaceutical organisations. They had developed their organisation piecemeal over a century or more. Mr. Linstead supposed they were the most carefully organised and at the same time the most disorganised among societies. The various bodies did an excellent job of work but there was a lack of unity at the centre. He thought the Bill would provide pharmacists with an opportunity to pull all the organisations together. What was needed was the gathering of all the pharmaceutical organisations under one umbrella. With the whole profession brought closer together with the Ministry of Health, there might be a tendency for pharmacists to become more and more civil servants and to become mixed up in politics. If they were to keep their professional integrity they would have to keep apart from Whitehall. He thought, however, that the Act would provide them with enormous opportunities for development. He was not afraid of the post-war situation with regard to the profession. Pharmacists would be able to continue giving a first-rate pharmaceutical service to the country. If they planned their activities with that in view, the rest would look after itself. "So far we have done well," concluded Mr. Linstead. "On your relations with the public the whole future of pharmacy will depend."

Common Bond of Qualification

DR. CLITHEROW spoke of his proposal to form a pharmaceutical trade union. The common bond of pharmaceutical qualification should be the annealing force and bond of brotherhood for the good of the profession as a whole. There was not a single body, he said, that could say it was representative of the whole of pharmacy. The joint committee was open to challenge on its constitution. If this challenge were sustained after negotiations with the Ministry, the proceedings might be negatived. The Society had direct representatives on the Joint Committee. That, surely was being involved in sectional and economic considerations. The balance of the Committee represented a pitifully small number of pharmacists in their own right and included even a representative of a non-pharmaceutical body. Those pharmacists who saw danger in the existing position would surely, in their own interests, gather together with their colleagues to become a powerful professional force. This opportunity was offered in the Registered Pharmacists' Union.

The provisional council of the Registered Pharmacists' Union had instructed Dr. Clitherow to send to every person whose name appears on the register of chemists and druggists an application form for membership of this Union. The Union was to be formed according to the various Trade Union Acts, the rules based on the Registrar's model rules, adapted to the pharma-

ceutical profession. Pharmacists were not alone in their desire for a professional trade union; unions were being mooted in various professions. There was no question of asking a man to change his party colour or to interfere with his freedom of thought or speech. The principles of the founders of the Society were much on trade union lines.

About ninety guests and members of the branch were present at the dinner. The chairman of the branch (Mr. W. Bryan) presided and there were also present the mayor of Wigan and Messrs. W. Tristram (a member of the Council of the Pharmaceutical Society) and H. Steinman (chairman, National Pharmaceutical Union) and Messrs. C. Blenkiron (local vice-chairman), and J. B. Morris (secretary), Miss T. Baron, Messrs. R. A. Robinson, A. J. Hope, W. L. Mather, and E. Magraw.

During the evening the toast of the N.P.U. was proposed by Mr. A. J. Hope. Responding, Mr. H. Steinman said this was the twenty-fifth anniversary of the N.P.U. The N.P.U. was heartily behind the Joint Committee. "We pharmacists must provide the community with the finest and most thorough pharmaceutical service possible. Where pharmaceutical work was involved, there should be pharmaceutical control. This time the pharmacists must be able to live decently on their pharmaceutical obligations and duties."

The mayor of Wigan presented the Codex prizes to the following students of the Wigan Technical College:—Milton Robert Hark, Hindley; John Stanley Pendlebury, Garswood; Audrey Rothwell, Leigh; C. Blackley, Bolton.

FIRST BRITISH PRODUCTION OF STREPTOMYCIN

Boots Pure Drug Co., Ltd., Nottingham, announce the adaptation of a surface-culture plant formerly used for penicillin to the commercial (though small-scale) manufacture of streptomycin. First production (for clinical trials only) is expected within six weeks.

At a Press conference in London on October 1, Sir Jack Drummond, F.R.S. (director of scientific research, Boots Pure Drug Co., Ltd., and until recently scientific adviser to the Ministry of Food), made the announcement that the company is already engaged upon the manufacture of streptomycin at Nottingham, and that the first supplies are likely to be made available for use in tests on human beings at the discretion of the Ministry of Health within four to six weeks. The plant is capable of producing sufficient streptomycin for the experimental treatment of from twenty-five to thirty-five tuberculous patients.

Hitherto, no tests except on animals have been carried out in this country. Laboratory tests on guinea pigs and mice, and *in vitro,* have shown (as recorded in recent issues of *C. & D.*) striking results in the destruction of the tubercle bacillus. In the United States small-scale trials on human patients at the Mayo Clinic, Rochester, and at a New York hospital, have given encouraging, though not uniformly satisfactory results. The main issue, whether the improvement produced is a temporary suppression or whether the bacillus is destroyed, has yet to be decided.

In his statement, Sir Jack Drummond recounted the discovery of streptomycin as one outcome of a "frantic search" for mould-produced materials effective against disease-causing organisms, particularly those against which penicillin is inactive. Conditions in the United States, he said, had been more favourable to such investigations than in Britain, and the Americans were "a good deal ahead." Ten U.S. companies had come together under an arrangement to contribute to a central £500,000 fund administered by the American Streptomycin Clinical Trials Committee (chairman, Dr. Chester Keefer, Harvard). All materials were allocated for trials under an expert committee of doctors. The speaker forecast that there would be a similar development in Britain.

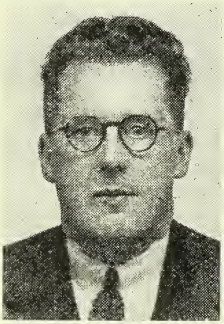
Asked when it was intended to change over to deep-culture production, Sir Jack Drummond said no forecast could be given. Much depended on when items of plant became available. Items such as flameproof equipment were a "bottle-neck." The company anticipated that it would be the first in Britain to make streptomycin commercially available. A pilot-scale plant had been in operation for some time, but, of course, for experimental purposes only. Deep-culture production on a laboratory scale was actually in progress.

For the eventual switch-over to deep-culture production a sum of £67,000 had been provisionally allocated.

EIRE PHARMACEUTICAL COUNCIL ELECTION

For the seven seats which fall vacant on the Council of the Pharmaceutical Society of Ireland, eight candidates have been nominated, and balloting by post will close by the first post on Monday, October 7. The seven outgoing councillors, all of whom are seeking re-election, are Mr. P. A. Brady (vice-president), Mr. P. C. Cahill (treasurer), and Messrs. H. P. Corrigan, C. J. Cremen, J. Gleeson, J. A. O'Rourke, and T. B. O'Sullivan. The eighth candidate is Dr. M. O'Donnell. The following are notes on the candidates:—

BRADY, Phillip, A.—Next in line for the presidency of the Society, Mr. Brady has filled the office of vice-president during the year. He is a councillor of Dublin Corporation; a governor of the Saint Lawrence Hospital, and a member of the Boards of the Meath and the Grangegorman mental hospitals. He is also a Peace Commissioner. In pharmaceutical affairs Mr. Brady's administrative work as president of the Irish Drug Association attracted widespread appreciation from his colleagues. He was one of the pioneers of the Dublin branch of the Photographic Dealers' Association of which he is treasurer.



CAHILL, Patrick C.—For the past four years Mr. Cahill has acted as treasurer of the Society and has a record of able service to the profession. His business ability is evidenced by the success of the Dublin wholesale and manufacturing firm bearing his name. Mr. Cahill's qualities as a business executive led to his being chosen to fill a directorship on the important semi-State Irish sugar companies. He is also a director of Irish Pharmaceuticals, Ltd., and associated companies. Upholding for many years the position of Irish pharmacists in the army, he has made repeated representations to the army authorities to ensure that they would receive professional recognition.



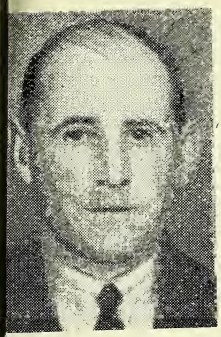
CORRIGAN, Hugh P.—Mr. Corrigan has a good record of attendance at both Council and Committee meetings during the past three years. Like many other Ulstermen, Mr. Corrigan is a man of action. Both at the Council and in his own business he believes in getting things done with a minimum of fuss, and can be relied upon in Council affairs to take a practical point of view, particularly on committees.

CREMEN, Cornelius C.—Mr. Cremen, a Kerry man, has a record of two years' work as president of the Society. Giving evidence of great efficiency during the decade and more that he has been at Lower Mount Street, he showed new reserves of power as an administrator when he became president in 1943. From 1943-45 he filled the office with dignity and ability. For many years he has been one of the most consistent supporters of native industry, particularly where it related to the drug trade.

O'DONNELL, Dr. Michael.—Dr. O'Donnell comes forward as a representative of the Compounders' Association, of which he is the chairman. He is anxious to improve the lot of pharmacists who hold public appointments as compounders, and if elected to the Council will advance their interests in every way possible. A native of Limerick, he served his apprenticeship in the medical hall of the late Mr. P. Liston, Limerick. Subsequently he removed to Dublin and gained further experience in Grahame's Medical Hall, and on the staff of Hamilton, Long & Co., Ltd., Lower O'Connell Street. He qualified as a Licentiate of the Apothecaries' Hall, and in 1910 became dispenser and compounder to the Castle Street dispensary, one of the largest in Dublin. He is one of the directors of the Apothecaries' Hall, and an examiner in materia medica, pharmacy and chemistry.



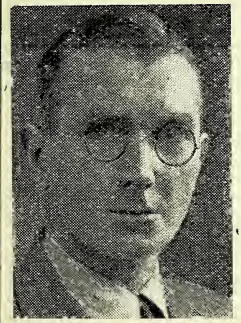
GLEESON, John.—During his term as President, 1942-43, John Gleeson showed an appreciation of the needs of Irish pharmacy, and of where the need for reform lay. Progressive in his outlook, he is one of the best liked men in the Council chamber. Since he vacated the presidential chair, John Gleeson has continued, as an ordinary member of Council, his active work for the profession. He has a first-rate attendance record, both in council and committees.



O'SULLIVAN, Timothy B.—Mr. O'Sullivan is a native of Kerry, and belongs to the younger school. Before joining the Council he was active on the Benevolent Fund dance committee and helped to raise more than £1,200 for the Fund in a few years. Mr. O'Sullivan is now completing his first three-year term on the Council. He conducts his own business in Dublin.



O'ROURKE, James A.—Mr. O'Rourke, who has given well over a decade's service to the Council, is particularly interested in the ethical side of pharmacy, and in preserving and maintaining the purely professional, as distinct from the trade, side of the calling. He has given many years' study to social problems, and is an authority on vocational organisation and development as applied to his own profession. His views in Council are always heard with attention.



ULSTER ASSOCIATES

At the monthly committee meeting of the Associates' Section of the Ulster Chemists' Association, held in Belfast on September 19, the chairman (Mr. M. D. Moore, Ph.C.) presided. The Secretary reported that a letter had been received from the national arbitration tribunal stating that the tribunal's approval to the changes in the terms for apprentices was not required. The committee discussed the payment of students attending Part II day classes, and the Secretary stated that the question was being reviewed by the Ministry of Labour, the Pharmaceutical Society of Northern Ireland and the Ulster Chemists' Association. Members of the Associates' Section concerned would be advised of any agreement reached. The chairman, vice-chairman and secretary had attended a meeting in Portadown on September 4 at which it was unanimously agreed to form a group to represent employees in Armagh, Dungannon, Lurgan and Portadown. A temporary committee had been appointed, and Messrs. G. L. Anderson, Ph.C., and J. Spiers were acting as convenors.

Associates Approved

The following were approved for associateship:— Pharmaceutical Chemists: Messrs. J. B. Burns, J. J. Daly, and Norman Lunn; Assistants: Messrs. George Holmes, Ernest Gibson and W. J. Stevenson; Apprentices: Miss Bridgid Grant, Miss E. Hughes, Miss R. E. McNeely, Messrs. C. J. Breslin, Richard E. Cregan, W. T. J. Gorman, J. J. McKelvey, Michael O'Kane, Thomas D. Proctor, Robert Robinson, Ronald S. Lewis, James McKeever, and S. M. Kernohan. It was agreed to hold the third annual meeting at the Grand Central Hotel, Belfast, at 7.45 p.m. on October 24. The Secretary reported that the following were due to retire from the Associates' Committee: Pharmaceutical Chemists: Messrs. M. D. Moore, J. Anderson, J. McCallum and E. B. Williamson; Associates: Miss J. M. Taylor and Mr. F. Cooper; Apprentice: Mr. E. G. Mackle. Other candidates nominated were: Pharmaceutical Chemists: Miss S. Devlin, Miss Joan Godfrey, Messrs. G. L. Andrews, A. McWhinney, and A. Wilson; Assistants: Messrs. Harold Cooke and J. McDaid. It was stated that the executive committee of the Association had sent a letter to each of its members outlining the objects of the Associates' Section. It was agreed that an invitation to join the section should be sent to all pharmaceutical employees.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

At the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, held in Belfast on September 20, Mr. J. McDowell (president) was in the chair. Others present were: Messrs. S. H. Forrest, J.P., J. McGregor (treasurer), H. F. Moore, F. R. Moore, J.P., J. Glendinning, J. F. Irwin, Walter C. Tate, C. Abernethy, J. F. Grimes, J.P., H. H. Cowzer, Dr. S. E. A. Acheson, and Professor E. B. C. Mayrs. Mr. William Gorman (secretary) was in attendance.

The SECRETARY reported that a reply had been received from the technical instruction subcommittee of Belfast Corporation concerning the request that pharmacy might be treated as a separate department. The letter stated that it was not practicable to set up an entirely separate department of pharmacy in the Belfast College of Technology, and the department must continue to be a subdepartment of the department of chemistry. The status of pharmaceutical students, however, was being improved by raising Mr. C. W. Young's position to that of senior lecturer in the chemistry department, with special responsibility for pharmaceutical work. It was decided that further steps should be left to the secretary.

New Poisons Regulations

A letter was received from the Ministry of Home Affairs stating that representations had been made by herbalists claiming that hardship was being caused in their business by the absence of an exemption enabling them to sell certain substances scheduled as poisons under the Medicines, Pharmacy and Poisons Act, 1945. It was pointed out that these substances were exempt in Great Britain under the third schedule of the Poisons Rules. The drugs concerned were lobelia and stramonium, which, subject to a maximum content of alkaloids, might be sold freely as an asthma remedy in Great Britain, but could be sold only by pharmaceutical chemists or registered druggists in Northern Ireland as the Act scheduled lobelia alkaloids and solanaceous alkaloids as poisons. The Ministry asked that the representations should be considered by the Council with a view to the amendment of the Schedule. Mr. GRIMES said this course would mean that grocers and other traders would stock the remedies and this was contrary to the purpose of the new legislation. MR. MCGREGOR pointed out that in Northern Ireland herbalists were not in the same way of business as in Great Britain, and, questioned whether an amendment was necessary, he proposed that the president and secretary should discuss the matter with the Pharmacy Inspector. This was seconded by MR. F. R. MOORE, and agreed.

In another letter, the Ministry stated that the Wholesale Drug Trade Association had requested that the labelling of thyroid preparations in Northern Ireland should be brought into line with that in Great Britain, where the label required was "Caution, it is dangerous to take this preparation except under medical supervision." In Northern Ireland, under the new Schedule, such preparations had to be labelled "Caution, it is dangerous to exceed the stated dose." "This distinction in labelling," stated the Ministry's letter, "now constitutes a serious difficulty for manufacturers as it is necessary for them, under the Northern Ireland Regulations, to issue separate packs for this area. It was decided that this matter should also be discussed with the Pharmacy Inspector.

The SECRETARY reported that he had received letters from Mr. J. L. Stirling, Ballymena, and Mr. W. J. Thornton, Newcastle, asking that the Pharmacy Inspector should lecture on the new Regulations at meetings of members in Ballymena and Newry. Chemists in the Bangor area were also anxious for a talk. It was decided to examine the possibility of a further meeting in Belfast to suit country members.

Arising out of discussions at previous meetings of the Council on the interpretation of the Regulations, the agenda included a motion in the name of the president to delete Clause 7 in the appendix to appendix C of Regulation No. 49 of the Society, but the motion was withdrawn. MR. MCDOWELL explained that the Ministry was not likely to approve the change.

Statutory Committee

The Council proceeded to appoint a Clerk to the new Statutory Committee of which Mr. W. F. Patton, K.C., is Chairman. THE PRESIDENT said the Committee, consisting of Mr. Patton and five nominees of the Society, had held its first meetings and had drawn up rules. It had been decided that there should be two meetings each year. Committee expenses, including the fee of £52 10s. for the chairman, were

payable to the Society. On the motion of Mr. Tate, seconded by Mr. Abernethy, Mr. Gorman (secretary to the Council) was appointed secretary of the Statutory Committee at a fee of £25, as recommended by the Finance Committee.

On the minutes of the Education Committee, certificates of apprenticeship were granted to William J. Creggan, Portadown; Hannah Bradford, Banbridge; Raymond A. L. Martin, Greenisland; Adam Mulvey, Omagh; Eugene P. McLaughlin, Lurgan; Ruth E. McNeely, Belfast; Andrew Little, Belfast; Joseph G. Robinson, Armagh; and William R. Milligan, Templepatrick.

Examiners' Reports

The Council received the reports of the examiners at the June 1946 examinations.

Preliminary Scientific: Part I, Chemistry, theoretical: Dr. J. E. Driver wrote: "The general standard was somewhat low, and although there were some very good candidates, there were others who must have entered with little hope of passing the examination. The most notable feature was the tendency to give information not asked for in the question. There was a common tendency to make up impossible equations for reactions which were not known. Candidates were required to attempt not more than six questions out of eight. The choice was fairly evenly distributed and there was no sign that any particular question was impossible. In question 1, acceptable definitions were generally given, but the fact that very simple calculations defeated many candidates showed that the term "equivalent weight" was not really properly understood. Preparations of simple gases were generally well described, apart from the tendency to irrelevance previously mentioned. Practical work, both qualitative and quantitative, was well done.

Physics: Professor K. G. Emeleus reported:—"General: The standard of work was low. From conversation with many candidates during the practical, the impression I formed was that they had not covered anything like the whole syllabus of practical work, particularly in electricity. Theory: The most common faults were confusion between surface tension and friction, lack of distinction between the earth's magnetism and its gravitation, and errors in arithmetic. Practical: The actual manipulation of apparatus was done well by almost all candidates, except in the lens and mirror experiments, where many did not work systematically, and showed they had little idea where the images were to be expected.

Botany: Dr. M. J. Lynn wrote: "Fifty-two candidates presented themselves for examination; one absented himself from the practical examination. Thirty-seven of the candidates reached the required standard in botany, and fifteen failed to obtain the required marks."

Final Qualifying: Part II, Chemistry, theoretical:—Dr. Driver stated: "The general standard was fairly good. The question on isomerism was well done, though some candidates were uncertain about the distinction between ortho-, meta-, and para- compounds. In section II, the general methods of performing limit tests were well known, though more candidates might have been expected to know something about the special methods asked for. The poorest answers were those on the preparation of inorganic compounds. Explanations of the meaning of hydrogenion concentration and *p*H were often complicated, without being clear. Practical: The quantitative work was well done and the organic compounds for identification caused little difficulty."

Pharmacy: Mr. G. Perrins wrote:—Thirty-four candidates presented themselves for examination in pharmacy, all but two also taking pharmacognosy. Of those entered for pharmacy only, one passed and one was again referred. Of the remaining thirty-two, twenty-one passed the whole examination and one was referred in pharmacy only. In pharmacy, the weakness was in the forensic side of the written paper. In the practical examination, good work was the general rule, and care in the dosage of drugs was commendable. The standard of work in pharmacognosy, theoretical and practical, was very good."

Council Election

The annual meeting of the Society was arranged for 7.15 p.m. on October 9, and the financial statement was adopted and ordered to be circulated. The President said that four members of the Council retired this year, and of these, three, Messrs. S. H. Forrest, J. Donaghy and J. Abernethy, were going forward for re-election. He referred with regret to the fact that Mr. J. Trevor Nicholl had decided not to seek re-election. Mr. Nicholl had served on the Council for twelve years, and had been president in 1943-44; he would be much missed in their deliberations. Mr. H. F. Moore and Mr. J. McGregor were appointed scrutineers of the ballot, the result of which will be announced at the annual meeting.

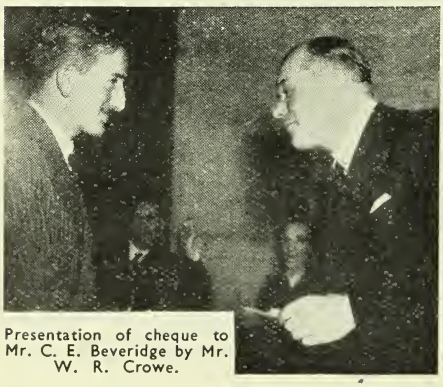
FIRST POST-WAR DISPLAY COMPETITION

PRIZEWINNERS in a national and regional window display competition organised by J. W. Simpson (Chemist), Ltd., London, were guests of the company at a luncheon at the Savoy Hotel on September 23, when the cheques were presented to them by a director (Mr. W. R. Crowe). MR. CROWE said he had taken over reconstruction of the company six years previously and it was his ambition to make the name Simpson the symbol of integrity. His policy was full co-operation with chemists, and he reminded his hearers that the company's products were on the C.F. list. He welcomed as guests Messrs. Leon Goodman (judge in the contest), A. C. Conabere (Display Association), R. F. Blay (designer), and W. H. Emmet (advertising agent). The principal prizewinners were as follows:—



Display awarded first national prize

NATIONAL, First, (£150), Mr. C. E. Beveridge (C. E. Beveridge & Co., Ltd.), 185 High Street, Gillingham, Kent; second, (£75), Mr. H. Howarth (H. & R. Howarth, Ltd.), 59 Deardengate, Haslingden, Lancs; third, (£25), Mr. A. W. Craig, 283 Regent Street, London, W.1.



Presentation of cheque to Mr. C. E. Beveridge by Mr. W. R. Crowe.

AREA A, 1, (£50), Mr. A. W. Craig; 2, (£25), Mr. H. Bacon, 100 Combe Lane, London, S.W.20; 3, (£5), Mr. W. Hebgin, Royal Arsenal Co-operative Chemists, Ltd., 202 Rye Lane, London, S.E.15.

AREA B, 1, Mr. W. T. Elder, 28 Powis Terrace, Aberdeen; 2, Mr. J. N. Whyte, 36 Hamilton Street, Saltcoats, Ayr; 3, Mrs. K. Leslie, Castle Pharmacy, Antrim Road, Belfast.

AREA C, 1, Mr. H. Howarth; 2. Mr. F. S. Wrigley (Eastwood & Wrigley, Ltd.), 4 Doncaster Gate, Rothertham, Yorks; 3, Mr. W. Croft Bradbeer, 14 West Percy Street, North Shields.

AREA D, 1, Mr. C. E. Beveridge; 2, Mr. F. Wainwright (F. Wainwright & Son, Ltd.), 88 Market Street, Eastleigh, Hants; 3, Mr. R. G. Tremlett, 2a Fratton Road, Portsmouth, Hants.

AREA E, 1, Mr. Maurice Scrivens, 17 Coleshill Road, Ward End, Birmingham, 8; 2, Mr. A. Livesley (A. Greaves & Son, Ltd.), Market Place, Chesterfield; 3, Mr. R. H. Evans, 50 Portland Road, West Bridgford, Nottingham.

There were also fifty consolation prizes of £2 2s. each.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Pork Chops and Sealing Wax

SIR,—Your amusing editorial about a terraio druggist who indulged in butchery as a sideline (*C. & D.*, September 21, p. 270), suggested that, where pharmaceutical and non-pharmaceutical products were sold in the same premises, some sort of dividing line between the two was desirable. It matters little, I suggest, what variety of goods may be sold on one set of premises; what does matter, from a professional point of view, is who sells what. In a small, comparatively "ethical" pharmacy, I have been required to handle anything from bath salts to soda-water syphons. In larger shops, where the total range of goods sold would probably have horrified the owner of the small pharmacy, I, as a pharmacist, was called upon to handle only pharmaceutical products. It is true that both soda-water syphons and bath salts were sold on the premises; so, moreover, were glasses in which to drink the whisky and soda, and the baths in which to enjoy the bath salts. As I did not have to sell them, however, I did not find my professional conscience unduly outraged. If Mr. Borgia's drug department was managed by a good pharmacist, and his butchery by a good butcher, there seems little to complain of in his establishment. But I do agree that fate could have blessed him with a happier surname.

PURIST.

Cold-water Waves

SIR,—Reports from America suggest that the breaking down and reformation of keratin is expected by some manipulators there to be safely accomplished in a few minutes, with no serious local or general disruptions of the hair in the process. The whole motive for introducing the cold wave was to provide a method of waving hair which would be gentle and beneficial. To induce the hair to deviate from its natural cylindrical shape into a wave or "kidney" shape, the correct routine is that the cold solution is applied, the hair wound on curlers, and left overnight. Next morning a neutralising lotion is applied for about ten to twenty minutes; the hair is then ready to be set. The chemical action takes place slowly and safely, the main chain linkages only being involved. The polypeptide main chains are unaffected by the solution; strong solutions to force the reaction through in a relatively short time cannot be safely controlled, and result in hydrolysis of the keratin main chains. They lead to serious disruption of the molecule. The disadvantages and serious reactions from cold permanent-wave solutions mentioned in a recent Medical Abstract (*C. & D.*, September 21, p. 366) are the direct result of this time-factor consideration. In formulating a preparation suitable for use by hairdressers, the solution has to be of such concentration that the complete reaction on the keratin molecule is accomplished in the matter of ten to twenty minutes. Even in the hands of experts such solutions can, we believe, have the serious local and general reactions mentioned. However, in producing a solution suitable for home use, as a result of which the reaction reaches completion in about eight hours, we offer a preparation that is both safe and effective. Abundant experimental work confirms this. The new cold method of permanently waving hair to which I refer is one for which, in due course, the materials will be a recognised commodity stocked by all chemists and purchased by their customers as part of a woman's personal equipment.

PIN-UP COLD PERM-WAVE, LTD.,
H. E. BROWN, managing director.

Roaming Around

SIR,—I wonder how many young pharmacists will settle down within the confines of four walls after years of "roaming around." Here is one who, after the 1914-18 war, arrived home on a cold, wet February morning after nearly five years in the East. What was my reaction? Another trip East, to join the Indian Army. This was easy and promotion was rapid. From being a captain in Indian Army Signals, transfer to the Merchant Navy as a radio officer was also quite easy; result, another five years' roaming around followed by a shore job as radio engineer in Australia, another stepping stone to adventure. In the recent war, as a volunteer for service in the Indian Army, my life was full of new experiences. Now the "prodigal pharmacist" returns to pestle and mortar, pills and penicillin within the confines of a chemist's shop. At fifty-five it is not easy; at twenty-five it was impossible. What do other prodigal pharmacists think and say?—Yours faithfully,

D.J.

OVERSEAS TRADE NEWS

U.S. Cottonseed Oil Prices.—An increase of 1¾ cents per lb. in the maximum prices for cottonseed oil has been authorised by the Director of the Office of Stabilisation.

Spanish Olive Oil Exports.—Exports from the next Spanish olive crop are expected to reach 70,000 tons, according to a recent statement by the chief of the Spanish Olive Oil Institute.

Belgian Chemical Industry.—Many branches of the Belgian chemical industry continue to be gravely handicapped by lack of manpower. A number of requests by the Federation of Chemical Industries to the Government for permits to allow foreign workers to come to Belgium have been unsuccessful.

International Medical Congress.—Newly developed drugs for combating malaria were described by Dr. J. A. Shannon, the chairman of the Malaria Study Section of the National Institute of Health, U.S. Public Health Service, to the First International Medical Congress, held recently. The new drugs may cause an abrupt termination of a clinical attack of relapsing malaria and a cure for non-relapsing forms when administration is limited to one or, at most, two days.

Vitamin News from the U.S.—A report from New York states that sawdust, cornwood and other types of industrially useless wood are proving a source of unlimited supplies of high-grade yeast containing vitamin B and vitamin B complex. The application of a simple irradiation treatment to the yeast results in its becoming a potent source of vitamin B. Delta-tocopherol, a newly discovered vitamin E factor, has been isolated from soyabean oil and has large-scale possibilities as a food preservative.

Sulphur Mines in Sicily Stop Work.—It is reported from Palermo that the crisis in the Italian sulphur industry resulting from sales difficulties has been growing lately and the Imera Mining Company, the largest on the island of Sicily, has stopped work in its two mines. Workers in other mines have made protest demonstrations. Meanwhile negotiations are under way between representatives of the sulphur industry and the authorities for the financing of the sulphur mining industries.

Swedish Pharmaceutical Industry.—The value of domestic production of pharmaceutical products and specialities in Sweden has more than doubled since 1938. In that year, output was valued at 10,903,557 crowns, but by 1943, the latest year for which statistics are available, the value rose to 21,886,000 crowns. Consumption of pharmaceutical products also increased in Sweden during the war. The total turnover of medicinal preparations sold by pharmacies soared to 90,000,000 crowns in 1944.

Australian Foreign Trade.—The value of drugs, chemicals and fertilisers imported into the Commonwealth during the year ended March 31, 1946, was £6,211,000 sterling, compared with £5,510,000 for the previous year. The corresponding figures for exports from the Commonwealth are £A.2,999,000 and £A.1,856,000. Optical, surgical and scientific instruments to the value of £2,057,000 sterling were imported in the year ended March 31, 1946 (1945, £1,670,000), and £A.645,000 (1945, £A,274,000) was the value of these goods exported from the Commonwealth.

Palestine Chemical Production Increasing.—Before the war the Palestine chemical industry produced goods to the average annual value of £30,000 and no chemical products were exported. In the course of the war production increased to an average annual value of £600,000 and one-third of total production was exported. Last year Egypt headed the list of importers of Palestine chemicals, purchasing goods to the value of £122,000, followed by Iran with £14,000, Tunisia with £13,000 and Iraq with £10,000. Exports this year are expected to be considerably lower as a result of increasing competition from U.S. and European exporters in the world markets.

Import Facilities for Burma.—Licences have been granted to private individuals, states the Industry and Labour Department of the Burma Government, for importing chemicals. Importing firms are being given facilities to enable their personnel to get priority passages to Burma, while arrangements are being made for the participation of private firms in the import trade with Japan. A draft bill to amend the Companies (Wartime Provisions) Act has been prepared, which, when enacted, will enable companies which had registered in Burma before the war and which had, after the evacuation, re-registered in various parts of the British Empire to carry on their business, to be re-registered in Burma, thus bridging the war years.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

8 Essex Street, W.C.2, October 2

Most reports agree that business in CRUDE DRUGS and FINE CHEMICALS has shown little improvement over the past week. Although no important price changes have been announced, minor alterations appear to have been more plentiful than usual. Inquiries for export are well maintained, but the level of the home trade, in the absence of many of the seasonal drugs, has been limited. There is no indication that the supply position will change for the better in the near future. In the PHARMACEUTICAL CHEMICALS markets production continues to increase and the export demand is maintained at a high level. In the home market, prices are stable and the demand is good for practically all items.

Crude Drugs

The prevailing quiet conditions are unchanged with values maintained at figures which show only small variations from last week. The demand for Curaçao ALOES continues at slightly firmer prices. BALSAM OF PERU shows a small increase. Business in CARDAMOMS is exceptionally quiet but prices are maintained at former levels. Supplies of Mombasa CHILLIES have been exhausted. Inquiries for CLOVES continue at former values. GALBANUM is in good demand at an advanced rate. KOLA NUTS are slightly cheaper. NUX VOMICA is tending rather dearer on the spot, but business is quiet. Some varieties of SENNA are reported to be scarce.

Essential and Expressed Oils

No changes are reported in the prices for ESSENTIAL OILS, and business has been quiet. Circular No. 28 from the Essential Oils Control, on the subject of temporary suspension of levy, states that the Advisory Committee, in conjunction with the Ministry of Food, have decided that the levy (or fixed contribution) payable under the provisions of Clause 12 (*d*) and Clause 16 of the Scheme is suspended in respect of all allocations made on or after August 26, 1946, until further notice. As noted on p. 447, the Minister of Food has announced a few changes in the existing prices of UNREFINED OILS AND FATS, and TECHNICAL ANIMAL FATS allocated to primary wholesalers and large trade users, during the five weeks ending November 2.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	Quoted	Oct. 2
*Alexandria ...	Piastres to £	97⅜–97⅝
Amsterdam ...	Florins to £	10.68–10.70
*Bombay ...	Pence to rupees	1-5 1/16–1-6 1/16
Brussels	Francs to £	176½–176¾
Copenhagen ...	Kroner to £	19.32–19.36
Dutch East Indies	Florins to £	10.68–10.70
Dutch West Indies	Florins to £	7.58–7.62
*Hong Kong ...	Pence to $	1-2 1/16–1-3 1/16
Oslo	Kroner to £	19.98–20.02
Paris	Francs to £	479.7–480.3
Lisbon	Escudos to £	99.80–100.20
Montreal ...	Dollars to £	4.02–4.04
New York ...	Dollars to £	4.02½–4.03½
Rio de Janeiro ...	Cruz to £	75.4416
*Singapore ...	Pence to $	2-4 1/32–2-4¼
Stockholm ...	Kroner to £	14.47–14.50
Zurich	Francs to £	17.34–17.36

* Free market rates.

U.S. Drug and Chemical Report

New York, September 27

WHILE there are indications that consumption of heavy chemicals in the U.S. by various industries will slacken further over the next few weeks, due to strikes and shortages of other essential materials, chemical markets have generally remained firm. The container shortage is becoming more acute and delivery of many materials has been slowed down during recent weeks. There has been an active demand for FINE CHEMICALS and CRUDE DRUGS on the U.S. markets, with increased seasonal interest displayed in the pharmaceuticals. A strike at the plant of a large producer of SALICYLIC ACID, THEOBROMINE and SACCHARIN is keeping supplies of those items at a low level. More than 1,500 drums of COD-LIVER OIL arrived here last week; demand for this material is increasing but suppliers report sufficient stocks to meet requirements. Contrary to recent reports, no request for price relief in GLYCERIN have been filed with the Office of Price Administration, it is officially stated here. The domestic supply position in this material is acute. Meanwhile, the Department of Agriculture announces that the purchase of BABASSU kernels and oil by the U.S. from Brazil, under an agreement between the two countries, is not affected by a recent Brazilian Government decree prohibiting exports of certain fats and oils until further notice. Brazil has agreed to sell not less than 50 per cent. of its babassu

kernel or oil output up to the end of July 1947, to the U.S. Commodity Credit Corporation. Production of babassu kernels in 1946 is estimated to amount to 60,100 short tons.

Satisfactory distribution of STREPTOMYCIN under the Government scheme is reported while increased output of PENICILLIN is expected to result in a reduction in the price of from $3.75 to $2 per gram. Approximately 4,000 flasks of Spanish MERCURY arrived here last week, the first shipment for some time from that country. The price of domestic metal, however, was maintained. Under a new order issued by the O.P.A., ETHYL ALCOHOL produced from potatoes may be sold free from price control. The volume of business in BOTANICAL DRUGS increased during the week, although it is not expected that the tight supply position in a large number of lines will materially improve before the major consuming season starts. Arrivals from China included nearly fifty cases of RHUBARB ROOT and more than 1,000 bags of STAR ANISEED. Detention of goods by the Food and Drug Administration has continued to limit the supply of many imported items; DANDELION ROOT and ARNICA FLOWERS are reported virtually unavailable as a result of recent shipments not meeting with condition requirements. Domestically produced CALENDULA FLOWERS have been forced off the market by cheaper European material, which itself is bringing many times the pre-war price. A quiet market for VEGETABLE WAXES is partly attributed to difficulty among major consumers in obtaining solvents and other materials and partly to the very firm ideas held by Brazilian producers of the waxes.

ESSENTIAL OIL markets were rather dull last week and trade in AROMATIC CHEMICALS continued on a very limited scale due to raw material shortages, and strikes at a number of plants. PEPPERMINT and SPEARMINT OILS remained in an unsettled position following price decontrol; traders appear to be holding on to stocks in the hope of a substantial rise in price. Revised peppermint oil crop figures issued by the Department of Agriculture are slightly lower at 1.416,000 lb. against 1,502,000 lb. last season. Spearmint oil output this year is placed at 274,000 lb.—seven per cent. below production in 1945. WORMWOOD, WORMSEED, CEDARWOOD and TANSY OILS were not included in the September list of items in short supply, as issued by the Department of Agriculture, and therefore are no longer subject to price control.

Pharmaceutical Chemicals

ACETANILIDE.—Makers' prices unchanged at 2s. 5d. per lb. for powder, and 2s. 6d. for crystals.

AMPHETAMINE.—Makers' quotation is unchanged at 150s. per lb.

ASPIRIN.—Home market prices steady; quotations per lb., in quantities of 28-lb.-1-cwt., are (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

ATROPINE.—Home trade prices per oz. are steady at: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s.; 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (*x*-ray).—Prices per lb. quoted by makers, in 28-lb.-1 cwt. lots, for home sales, are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BISMUTH SALTS.—Makers' prices were recently advanced, as follows (containers in brackets): 7 lb. and under 14 lb., 14s. 2d. (1-lb.), 14s. 1d. (2-lb.)., 14s. 0½d. (4-lb.), 13s. 11½d. (7-lb.), 14 lb. and under 28 lb., 13s. 11½d. (1-lb), 13s. 10½d. (2-lb.), 13s. 10d. (4-lb.), 13s. 9d. (7-lb.), 3s. 8½d. (14-lb.), per lb. CITRATE, 1s. 8d. per lb. over above prices. SALICYLATE, 3d. per lb. over above prices. SUBGALLATE, 3s. 11d. per lb. over above prices. SUBNITRATE, 1s. 3d. per lb. over above prices.

BORAX.—Makers' prices are: B.P. quality, granulated, £38 per ton; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in 1-cwt. bags delivered carriage paid in Great Britain, in 1-ton lots and upwards.

BORIC ACID.—The following are makers' current rates per ton lots of B.P.: Granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 1-cwt. bags, delivered carriage paid in Great Britain, in 1-ton lots and upwards.

BROMIDES.—No change in quotation for these products. POTASSIUM, in quantities of 28 lb., is quoted at the following rates per lb. (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14-lb.); 2s. 10½d. (28-lb.). SODIUM, 1½d. per lb. less, and AMMONIUM, 1½d. per lb. more, than

bove prices. Prices are net, without engagement.

CHLORAL HYDRATE.—Current prices are follows: 1 cwt., 3s. 10d. per lb.; 56 lb., .; 28 lb., 4s. 2d.; 14 lb.; 4s. 6d.; 7 lb., . 9d.; less, 5s. 3d.

CITRATES.—Makers' prices unchanged. OTASSIUM, in quantities of 28 lb.-1-cwt., is uoted per lb., as follows (containers in rackets): 3s. 8½d. (1-lb.); 3s. 7d. (4-lb.); . 6d. (7-lb.); 3s. 5½d. (14-lb.); 3s. 4½d. 28-lb.). FERRI ET AMMON. CIT. B.P., 3d. er lb. above; SODIUM, B.P., 3d. per lb. elow; POWDER, 1d. per lb. extra. Prices ct, one month.

CODEINE.—Prices per oz. current in the ome market are: PURE, ½ oz., 51s. 9d.; oz., 49s. 3d.; 2 oz., 47s. 9d.; 3 oz., 47s.; oz., 46s. 9d. HYDROCHLORIDE, ½ oz., 6s. 4d.; 1 oz., 44s.; 2 oz., 42s. 6d.; 3 oz., 1s. 9d.; 4 oz., 41s. 6d. PHOSPHATE, ½ oz., os. 9d.; 1 oz., 38s. 3d.; 2 oz., 36s. 9d.; oz., 36s.; 4 oz., 35s. 9d. HYDROBROMIDE nd IODIDE as PURE; SULPHATE as HYDROHLORIDE.

DIAMORPHINE.—Prices per oz. are: PURE, oz., 54s. 6d.; 1 oz., 52s.; 2 oz., 50s. 6d.; oz., 49s. 9d.; 4 oz., 49s. 6d. HYDROHLORIDE, ½ oz., 50s. 3d.; 1 oz., 47s. 9d.; oz., 46s. 3d.; 3 oz., 45s. 6d.; 4 oz., 45s. 3d.

ETHYLMORPHINE.—Current rates per oz., n the home market, are: PURE, ½ oz., 7s. 6d.; 1 oz., 55s.; 2 oz., 53s. 6d.; 3 oz., 2s. 9d.; 4 oz., 52s. 6d. HYDROCHLORIDE, oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 4s. 3d.; 4 oz., 44s.

GLUCOSE.—Powdered monohydrate for he home trade is quoted as follows: 14 lb.-28 lb., in 14-lb. lots, 11¾d. per lb.; 28 lb.-112 lb., in 14-lb. lots, 11½d.; 28-lb., 10¼d.

IODINE PREPARATIONS.—Current rates per lb. are as follows: POTASSIUM IODIDE, B.P.—112 lb., 9s. 6d.; 28 lb., 10s.; 14 lb., 10s. 6½d.; 7 lb., 12s. 0½d.; 4 lb., 12s. 6½d.; smaller quantities, 13s. per lb. SODIUM IODIDE, B.P.—28 lb., 10s. 5d.; 14 lb., 10s. 11½d.; 7 lb., 12s. 8½d.; 4 lb., 13s. 4½d.; smaller quantities, 14s. 2d. IODOFORM, B.P. —28lb., 13s. 7d.; 14 lb., 14s. 1½d.; 7 lb., 16s. 3½d.; 4 lb., 17s. 1½d.; smaller quantities, 17s. 11d. IODOFORM CRYSTALS, 2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 11d.; 28 lb., 11s. 5d.; 14 lb., 11s. 11½d.; 7 lb., 13s. 9½d.; 4 lb., 14s. 4½d.; smaller quantities, 15s. 10d.

MANDELIC ACID.—In good demand. Current quotations are as follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

MORPHINE.—Prices per oz. current in the home market are: PURE, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d. BIMECONATE and TARTRATE, as PURE; ACETATE, HYDROBROMIDE and SULPHATE, as HYDROCHLORIDE.

PHENOLPHTHALEIN.—Current prices are unchanged: 1 cwt., 4s. 10d. per lb.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.

POTASSIUM PERMANGANATE. — Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over; 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5-cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms net, carriage paid to nearest station, containers extra and returnable.

PULV. BISMUTH. CO., N.F.—Current rates per lb. in the home market, in quantities of 28 lb.-112 lb., are as follows (containers in brackets): 2s. 9d. (1-lb.); 2s. 8d. (2-lb.); 2s. 7½d. (4-lb.); 2s. 6½d. (7-lb.); 2s. 6d. (14-lb.); 2s. 5d. (28-lb.).

SANTONIN.—Prices are unchanged: 5 kilos, £44 per kilo; less than 5 kilos, £45; 1 kilo, £46; half-kilo, £47; quarter kilo, £48 per kilo, carriage paid in U.K.

THEOBROMINE.—Prices per lb., in quantities of 28 lb., are as follows: ALKALOID, B.P.C., 30s. 6d.; CALCIUM SALICYLATE, 19s. 3d.; SODIUM SALICYLATE, 19s. 3d.

VANILLIN.—Prices unchanged. 5-cwt., 22s.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller parcels, up to 23s. 6d. per lb., as to quantity.

Crude Drugs

AGAR.—Inquiry continues with no change in the controlled price of 30s. per lb.

ALOES.—Small quantities of Curaçao are available on the spot at from 270s. to 290s., per cwt.; forward, 250s., c.i.f. Cape is unobtainable on spot and is reported to be scarce at the source.

ANTIMONY.—Demand is good with quotations at the official price of £132 10s. per ton, delivered, for minimum 99.6 per cent. regulus, £120 for minimum 99 per cent. regulus, and £105 for 70 per cent. crude.

ARECA NUTS.—Business remains quiet at unchanged quotations. Spot, 65s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—*Canada* is quoted at 14s. 9d. per lb., spot. *Peru*, from 8s. to 8s. 3d., duty paid ; in bond, 7s. 6d.

BENZOIN.—Spot and forward quotations for Sumatra material of good quality are at £25 per cwt.

BISMUTH.—Price of high-grade metal is at 9s. per lb., in minimum 5-cwt. parcels.

BUCHU LEAVES.—Business is quiet, with the price steady at 4s. 9d. per lb.

CAMPHOR.—Some Chinese material, in 2½-lb. slabs, is quoted at 12s. per lb., on the spot, duty paid. English synthetic, in limited supply, 8s. 3d. per lb.

CAPSICUMS.—East African, on stalk, 140s. per cwt., on the spot.

CARDAMOMS.—Small quantities of Aleppy seeds are quoted on spot at 8s. per lb. Mangalore A's, 9s. per lb. ; B's. 8s. 6d. Quiet conditions are reported.

CASCARA SAGRADA.—Quoted on the spot at 280s. to 285s. per cwt., landed, duty paid.

CASCARILLA.—Quills are firm on spot at 2s. 9d. per lb.

CHAULMOOGRA.—*Hydnocarpus* is quoted on the spot at 2s. per lb., in tins in cases.

CHILLIES.—No Mombasa material may be obtained at present. Nominal price, 170s. per cwt.

CINNAMON.—Business continues quiet with prices unchanged. Quillings are quoted at 3s. 3d. ; chips from 1s. 11d. to 2s. per lb., ex store.

CLOVES.—Market is quiet, with sellers on spot at 11½d. per lb. ; afloat quoted at 10d. per lb., sellers ; and October-November shipment at 10d. per lb., c.i.f., buyers' licence.

COCHINEAL.—Business is quiet with prices steady. Silver greys are quoted at 5s. 6d. per lb., and blacks at 5s. 9d.

COCONUT (DESICCATED).—The maximum controlled price is 74s. 8d. per cwt., ex store.

COCOA BUTTER.—Controlled price is 1s. 5½d. per lb., ex factory or warehouse, except under licence.

COLOCYNTH.—Good white pulp continues to be quoted on the spot at 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese material is obtainable on the spot at from 130s. to 140s. per cwt. English-grown leaves are quoted at 2s. 6d. per lb.

ERGOT.—Market is quiet. Fair material is offered on the spot at from 6s. 9d. to 7s. per lb.

GALBANUM.—Quotations are at 8s. 3d. per lb., duty paid.

GINGER.—Jamaica, No. 1, 130s. per cwt. ; No. 2, 110s. ; No. 3, 105s. African, 82s. 6d., on the spot.

GUM ACACIA.—Kordofan cleaned sorts are quoted at 76s. per cwt., London ; and Liverpool, 74s. ; shipment, 73s., c.i.f. Talha, cleaned, 45s., spot ; 42s. 6d., c.i.f.

GUM MASTIC.—In fair supply on the spot. No. 1 gum is offered at 18s. 6d. per lb.

HENBANE.—Business is quiet. Indian leaf is offering on the spot at 250s. per cwt. There are no supplies of Egyptian (*muticus*) or Russian material.

JALAP.—Vera Cruz material, testing 12 per cent. resin, to arrive, is quoted at 3s. 6d. per lb.

KAMALA.—Quoted on the spot at 3s. per lb., landed.

KARAYA.—No. 1 extra, quoted on the spot at 215s. ; shipment, 200s., per cwt., c.i.f. No. 1, afloat, 190s., c.i.f.

KOLA NUTS.—Business is quiet. African quarters are quoted at 7½d. per lb. ; African halves, 6d. ; Jamaican washed halves, 6½d.

MENTHOL.—Brazilian is quoted on the spot at from 44s. to 45s. per lb., duty paid ; Chinese, spot, 50s. ; afloat, 47s. 6d. per lb., landed, duty paid.

MYRRH.—Spot quotations are steady at from £14 to £16 per cwt., according to quality.

NUTMEGS.—Prices nominal. West Indian 80's, 5s. per lb. ; sound unassorted, 4s. 9d. ; wormy and broken, 4s. 6d.

NUX VOMICA.—Mangalore are quoted on the spot at 40s. per cwt. ; Madras, from 40s. to 42s. 6d. ; Cochin, from 45s. to 47s. 6d., according to seller.

ORANGE PEEL.—Prices are unchanged. Spanish quarters, 2s. 9d. per lb. ; sweet ribbon, 2s. Fine-cut Tripoli would be worth 4s. 9d. to 4s. 10½d. per lb., on the spot.

PAPAIN.—East African is steady at 23s. per lb., on the spot.

PEPPER. — Maximum controlled prices are unchanged. Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper. Picked over and cleaned, 1s. 8d. and 1s. 2d. per lb., respectively. Lampong black, October-November shipment, fractionally easier at 2s. per lb., c.i.f., sellers ; white Muntok, October-November shipment, fractionally easier at 2s. 3½d., c.i.f., sellers.

PIMENTO.—A quiet market with prices steady. Spot, 1s. 1½d. per lb., sellers; shipment, 122s. 6d. per cwt., c.i.f., buyers' licence.

QUASSIA.—Quoted on the spot at 35s. per cwt.

QUILLAIA.—Business continues in natural bark with prices ranging from 120s. to 125s. per cwt., spot; cut, 150s. per cwt., ex store.

RHUBARB. — Demand continues, with prices fairly steady. Good-quality material is quoted from 12s. 6d. to 13s. Common-round, with a two-thirds pinky fracture, ranges from 11s. to 12s. 6d. There is some lower-quality material quoted at 10s. 6d. per lb.

SEEDS.—ANISE.—Chinese, 190s. per cwt., ex warehouse London. CELERY.—Spot, Indian quoted at 1s. 6d. per lb., ex wharf London or Liverpool. CORIANDER.—Spot, Morocco 85s., duty paid; Indian 85s., ex wharf London. CUMIN.—Spot, Indian 220s., nominal; Morocco 215s.; Cyprus 220s., offering ex warehouse London. DILL.—Spot, Indian 65s., ex wharf London; 62s. 6d. ex wharf Liverpool, FENNEL.—Spot, Indian 160s., ex wharf London or Liverpool. FENUGREEK. — Spot, Indian 62s. 6d., London; 60s. quoted ex wharf Liverpool.

SENEGA.—Market quiet with values steady. Canadian root is quoted at from 14s. 6d. to 14s. 9d. per lb., landed London.

SENNA.—Tinnevelly leaves, on the spot, are quoted at 1s. 2d. per lb. for No. 1 material; No. 2, 10½d.; No. 3, 9½d. Nominal price for hand-picked Alexandrian pods, of good quality, is 4s. per lb.

SQUILL.—A shipment of medium-white quality is expected soon. Nominal price, 65s. per cwt.

STRAMONIUM LEAVES.—Quoted on the spot at 80s. per cwt.

TRAGACANTH. — Limited business with prices steady. Selected grades are quoted at £155 per cwt. Prices of medium grades are as follows: No. 1, white, £145 per cwt.; No. 2, white, £125; No. 3, white, £110; No. 4, white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

TURMERIC.—Madras finger is quoted on the spot at 95s. per cwt., ex wharf London, and 92s. 6d., ex store Liverpool. Shipment, October-November, 87s. 6d., c.i.f.

VALERIAN.—Quotations for Belgian root are 240s. per cwt., on the spot.

WAXES.—Business continues quiet. CARNAUBA.—Fatty grey, spot, 1,040s. per cwt.; chalky, 1,000s.; prime yellow, 1,180s.; fatty grey, afloat, 1,010s.; prime yellow, afloat, 1,150s. OURICURI. — Spot, 680s. untested; shipment, October-November, 6 per cent., 565s., c.i.f. CANDELLIA.—Spot, 475s. per cwt.; to arrive, 465s. landed. BEES'.—Quoted as follows: Dar-es-Salaam, spot, 340s. per cwt.; shipment, 340s., c.i.f.; Benguela, spot in bond, 315s.; shipment, nominal, 305s.; Sudanese, 315s. spot, in bond; Lindi, spot, 337s. 6d.; shipment, 335s.

Essential and Expressed Oils

CASTOR.—The controlled prices for the period ending November 2 are as follows: "Firsts," £110; "seconds," £108, per ton, naked ex works.

CLOVE.—Quotations from English distillers of bud oil are unchanged at 12s. per lb.

COCONUT.—Quotations for crude oil are £49 per ton; refined deodorised, steady at £56. Refined hardened deodorised, £60.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined, edible, £57; refined deodorised, £58, naked, ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°-52°, £63.

LINSEED.—The official price for the period ending November 2 is £135 per ton, naked ex works, for crude ore.

OLIVE.—Quotation for edible (1 per cent.), in drums, per gallon of 9 lb., 25s. 9d. per gallon, ex wharf London.

RAPESEED.—Price for crude is £91, naked ex works.

Prices of Oils and Fats

The Minister of Food announces that the following changes in the existing prices of unrefined oils and fats and technical animal fats allocated to primary wholesalers and large trade users during the five weeks ending November 2nd, 1946, will be made:—Australasian.—Prime mixed, £60 per ton, c.i.f., in casks or drums; good colour mixed, £59 15s.; fair to good colour mixed, £59 5s.; fair coloured mixed, £58 15s.; good cuts, £58 5s.; medium, £57 15s.; low, £57 5s.; no colour, £57 5s. If supplied in barrels or tierces, £1 15s. per ton extra. South American.—No. 1, £61 15s.; No. 2, £60 per ton, c.i.f., in barrels or tierces, duty paid.

TRADE MARKS

(*From "The Trade Marks Journal," September* 18)

"JOSPI"; for pharmaceutical preparations for use in the treatment of the teeth and gums; dental impression materials and substances; wax stoppings, cements, porcelain fillings, dressing materials, moulding wax, rubber and synthetic resins, all being prepared for use in dentistry (5); dental instruments, apparatus and appliances; artificial teeth; and parts (not included in other classes) of all such goods (10). By Aktiebolaget Svenska Dental Instrument, Adolf Fredriks Kyrkogata, 9, Stockholm, Sweden. 641,551,-52. (Associated).

"POUF"; for insecticides (5). By Domestos, Ltd., College Works, Albion Row, Byker, Newcastle-on-Tyne, 6. 641,890.

"GLOCURE"; for medicated lotions for the treatment of skin complaints in cats and dogs (5). By Beatrice Maud Suttle, 91 Globe Road, Romford, Essex. 641,924.

"ARBOLIN"; for insecticides, fungicides and preparations for killing weeds (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 641,927.

"ETHIODAN"; for pharmaceutical preparations for use in *X*-ray diagnosis (5). By The British Drug Houses, Ltd., 16-32 Graham Street, City Road, London, N.1. 642,053.

"COPYCAT"; for photographic apparatus and parts thereof not included in other classes (9). By Miles Aircraft, Ltd., The Aerodrome, Woodley, Reading, Berks. 641,343.

"FI-FO"; for photographic apparatus and parts thereof and fittings therefor, none being included in other classes (9). By Arsène Claudot, 23 Avenue Carton de Wiart, Jette-Saint-Pierre, Belgium. 641,994.

"ACME"; for all goods (10). By C. J. Plucknett & Co., Ltd., 38 Poland Street, London, W.1. 641,715.

"KIROFORM"; for foot supports for curative purposes (10). By C. J. Plucknett & Co., Ltd., 38 Poland Street, London, W.1. 641,804.

APPLICATIONS AMENDED AFTER ADVERTISEMENT.

Specification 639,468 by Imperial Chemical Industries, Ltd., should be altered so as to read "Sanitary substances, insecticides, and preparations for destroying vermin."

(*From "The Trade Marks Journel," September* 25)

"ARAFIL"; for chemical products used in industry, science and photography; synthetic-resin plastics for industrial purposes (not being paints, varnishes or lacquers or in the nature of rubber) (1). By Imperial Chemical Industries, Ltd., Wexham Road, Slough, Bucks. 642,151.

"LINELE"; for chemical products used in industry (1). By Stablond Laboratories, 128-34 Baker Street, London, W.1. 641,769.

"WINDOVA"; for cleaning preparations (3). By Four Leaf Products, 278 Bearwood Road, Smethwick, Staffs. B641,193.

Words "WIMSOL KEIGHLEY" and monogram "W. L., LTD." in circle (letters "W. L." and word "Keighley" disclaimed); for cleaning and polishing preparations and soaps (3). By Wimsol, Ltd., Atlas Mills, Grace Street, Keighley, Yorks. 638,909 (Associated).

"FLORINE"; for toilet preparations for the hair (3). By Arthur Stanley Mass, 15 Great St. Helen's, London, E.C.3. 637,315.

"PURPLE NIGHT," "MEMORY LANE" and "GOLDEN MOMENTS"; for perfumery, toilet preparations (not medicated), cosmetic and depilatory preparations, dentifrices, toilet articles (not included in other classes), sachets for use in hair waving, soaps and essential oils (3). By Ashe Laboratories, Ltd., 120-22 Victoria Street, Westminster, London, S.W.1. 642,006,-09,-13.

COMING EVENTS

Monday, October 7

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Methodist Church Parlour, Bromley Road, Beckenham, at 7.30 p.m. Dr. R. Clitherow, M.P., M.P.S., on "The Health Service Bill" and "A Pharmaceutical Trade Union."

Tuesday, October 8

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, demonstration theatre, gas showrooms, Parliament Street, Nottingham, at 7 p.m. Professor G. A. H. Buttle, O.B.E., M.A., M.R.C.S., L.R.C.P., on "Pharmacology and the Pharmacist."

CARDIFF PHARMACISTS' ASSOCIATION and BRANCH, Technical College, Cardiff, at 7.30 p.m. Capt. D. P. Allen, M.P.S., on "Pharmacy and the Pharmacist in India."

CHADWICK PUBLIC LECTURE, Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1, at 2.30 p.m. Sir Arthur McNalty, K.C.B., on "Sir Thomas More as Public Health Reformer."

SCARBOROUGH BRANCH, PHARMACEUTICAL SOCIETY, Public Library, Scarborough, at 7.30 p.m. Mr. Thomas Armstrong, M.P.S., on "Travellers' Tales."

Wednesday, October 9

ASSOCIATION OF BRITISH CHEMICAL MANUFACTURERS, Grosvenor House, Park Lane, London, W.1, at 7.30 p.m. Annual dinner.

INSTITUTE OF CHEMISTS-OPTICIANS, Friends' Meeting House, Euston Road, London, N.W.1, at 7.30 p.m. Mr. W. R. Challis, F.B.O.A., on "Osteopathy: Its Philosophy and Treatment."

WESTERN PHARMACISTS' ASSOCIATION, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. William Bradley, Ph.D. (chief research chemist, The British Drug Houses, Ltd.), on "Chemistry in the Service of Medicine," illustrated with lantern slides.

BIRMINGHAM PHARMACEUTICAL ASSOCIATION and BRANCHES, Botanical Gardens, Edgbaston. Birmingham. Dance, 8 p.m. till 1 a.m. Tickets 7s. 6d.

CANTERBURY & EAST KENT BRANCH, NATIONAL PHARMACEUTICAL UNION, County Hotel (Room 8), High Street, Canterbury, at 7.30 p.m. Inaugural meeting. Mr. H. Noble, B.Pharm. (Deputy secretary of the N.P.U.) on "Pharmaceutical Problems and Prospects."

Thursday, October 10

PROPRIETARY ARTICLES TRADE ASSOCIATION, Dorchester Hotel, Park Lane, London, W.1, at 7 p.m. Fiftieth anniversary dinner.

SOMERSET BRANCH, PHARMACEUTICAL SOCIETY, Cadena Café, Yeovil, at 6 p.m. Address by Mr. F. C. Wilson (member of Council, Pharmaceutical Society). Dorset members invited.

EDINBURGH SECTION, CHEMICAL SOCIETY, North British Station Hotel, Edinburgh, at 7.30 p.m. Lecture by Dr. J. P. Baxter, B.Sc.

Friday, October 11

NEWCASTLE AND DURHAM SECTION, CHEMICAL SOCIETY, Chemistry lecture theatre, King's College, Newcastle-upon-Tyne, at 5 p.m. Meeting for the reading of original papers.

Sunday, October 13

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Mam Tor, Win Hill and Jaggars Clough. Meet at Central Station, 8.45 a.m. Book Edale return.

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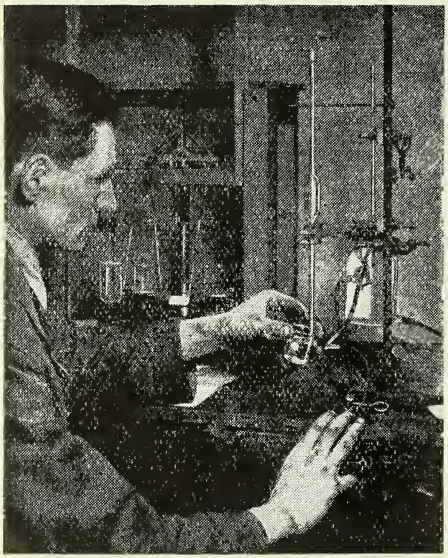
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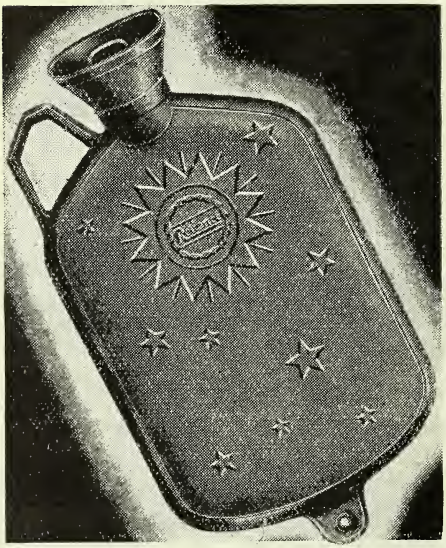
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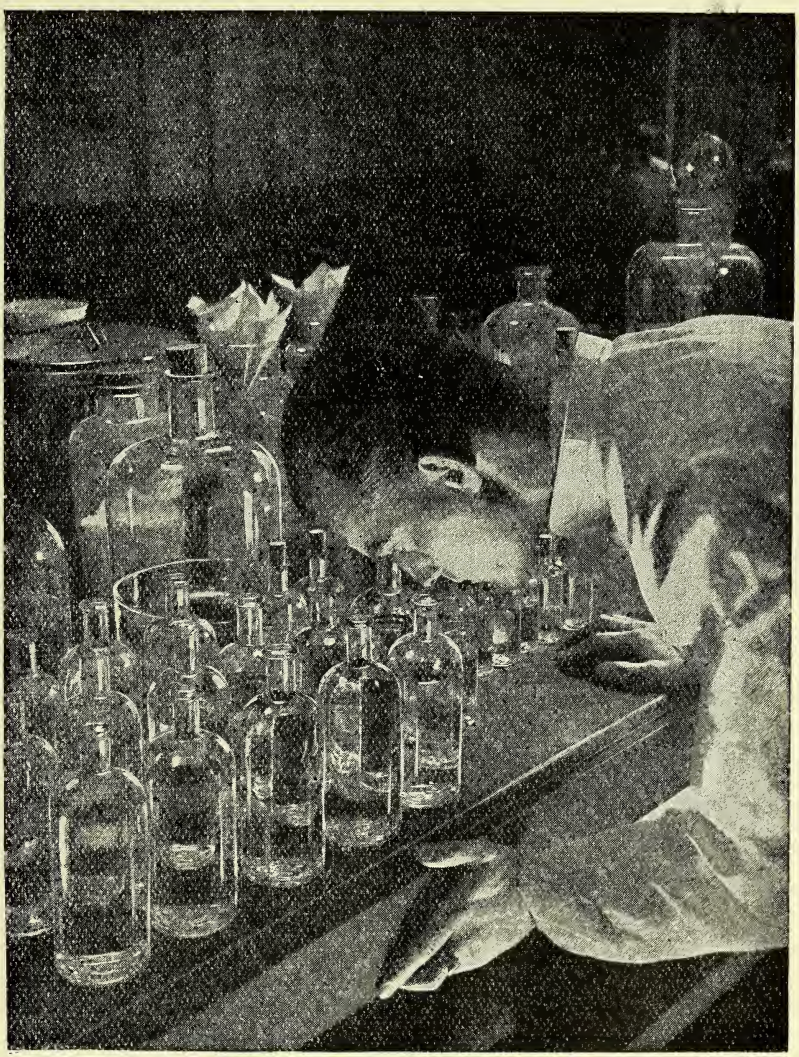
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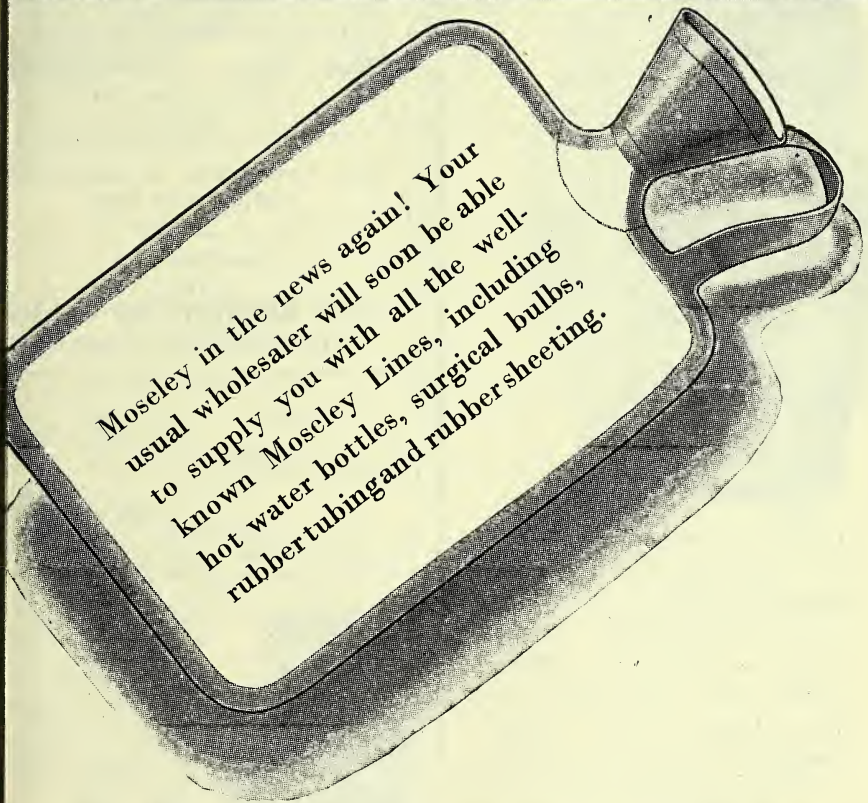
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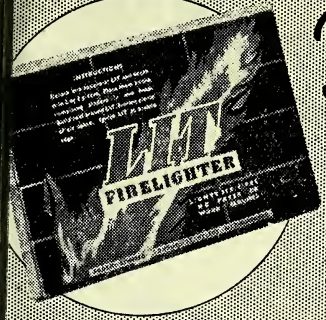
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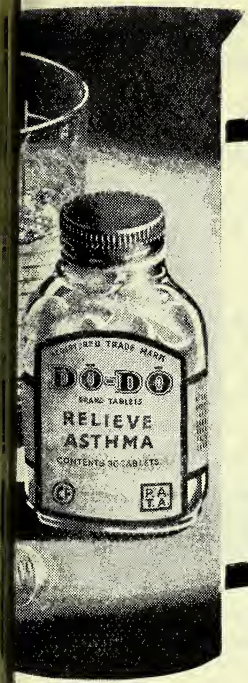
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To be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—for empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable goodwill. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.

SHERLEY'S DOG MEDICINES

J. SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E.1

SPRIM

(Triple Cleansing Strength Ammonia)

WORLD'S LARGEST SALE

3 HANDS

DISINFECTANT-ANTISEPTIC

with Sea-Scented Fragrance

NON-POISONOUS

Limited supplies of these National favourites now available

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BRITISH DISINFECTANT CO. LTD.

TOTTENHAM, N.15

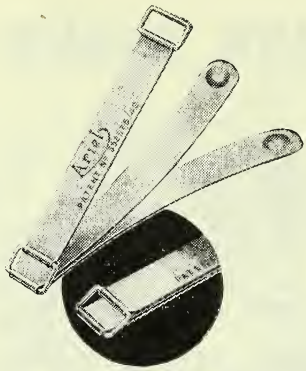


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CUPAL LTD.,

Manufacturing Chemist, BLACKBURN



ARIEL
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Obtainable through your usual wholesaler

MADE BY S & D RIVET CO LTD
TEMPLE ROAD · LEICESTER

a good line...and good profit

STENHOPE is a new and efficient tonic fo the stomach ; a well timed edition to the rang of BRONTAN products ; put over with th usual Brontan efficiency. STENHOPE will se at 2/9 a bottle including P.T., showing 100% profit for the chemist. Supplies are availabl and display advertisements are appearing i the newspapers. Order from your wholesale TODAY or direct from Brontan Ltd., 1 Broa Street Buildings, Liverpool St., London, E.C.

STENHOPE
TONIC for jaded stomach
IMMEDIATE DELIVERY

MAKE EXTRA SALES & PROFITS



DABitoff, the home dry cleaner, is non-inflammable, economical because the pad prevents spilling and waste, and will last the whole bottle. Retails at 1/9.

National advertising reaches millions. Attractive new display stands make big sales.

YOUR PROFIT ON EACH BOTTLE IS SEVENPENCE.

DABitoff DRY CLEANER

CHEMO-PLASTICS LTD. 59/60 Old Bailey, E.C.4

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Under New Management.
RATAX PHOTO SERVICE
Established over 20 years
Developing & printing, incl. paper negs., copying, enlarging etc. Work despatched day after receipt of order. Developing 6d. Printing 3d P.C. 6d.
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SPECIAL OFFER— *5 hand written showcards for 10/- Post Free.*
Three lettered "Saccharin Tablets", one lettered "Closed" and one "Open".
Orders despatched within one week.
Enquiries also invited for individuality—designed posters,
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IMMEDIATE DELIVERY

TOILET ROLLS AND SANITARY TOWELS

Please write and state whether Wholesale or Retail Trade, also if you are registered for Purchase Tax.

THE WOKINGHAM CREPE PAPER CO
64 Easthampstead Road, Wokingham, Berks

THE MAKERS OF **Modess**

HAVE NOW PRODUCED **Meds**

the perfect form of sanitary protection worn internally

Meds are a product with which we are glad to associate our name. They were not rushed on to the market the moment a demand for internal sanitary protection (called tampons) was felt. Meds are the result of 5 years of research and clinical experiment and have overcome the disadvantages of other tampons. You can recommend them with complete confidence.

Women will want Meds when they hear about them and an advertising campaign prepared with tact and good taste is now appearing in the press and women's magazines. You can also help business by displaying Meds where circumstances permit.

MEDS *mean good business for you.*

RETAIL PRICE 1/- PER CARTON
containing 12 separately wrapped Meds.
TRADE PRICE 8/9d. PER DOZ. CARTONS *in container.*

RSONAL PRODUCTS, *Division of* JOHNSON & JOHNSON. (GT. BRITAIN) LTD., WREXHAM AND SLOUGH

ARE YOU LINKING UP WITH OUR **ADVERTISING ?**

Leciferrin Lecithin-Iron Tonic is consistently advertised in the evening and local newspapers in the following areas where we have concentrated campaigns.

SCOTLAND
NORTHUMBERLAND—DURHAM

Most of the important women's magazines will also be carrying the Leciferrin advertisements.

Link up with this publicity support by counter or window displays and get your share of the growing demand.

Retail price, 5/6½ per bottle inc. Tax.

For up-to-date show material write to the manufacturers :—

LECIFERRIN LTD.
4 John Adam St., London, W.C.2

NODAN

NODAN—Prepared from a new and highly scientific formula obtains results very rapidly. Eradicates scalp disorders. stops scurf irritation. Non-toxic, non-greasy, does not stain. Sells at 3/10½d. per bottle, including tax.

SPECIAL INTRODUCTORY BONUS OFFER

Full particulars on application from the
SOLE DISTRIBUTORS
FASSETT & JOHNSON, LTD.
86 Clerkenwell Road, London, E.C.1

MISCELLANEOUS OPPORTUNITIES

Gums; Waxes, "Spermaceti" etc.
Essential Oils; Lanoline; Petroleum Jelly;
Stearic Acids; French Talcs; Calamine;
Lactic Compound; Triethanolamine;
Genuine Lorol Alcohol Sulphonate.
All Fine and Heavy Chemicals.

HOME and EXPORT

J. J. VIGON & CO., LTD
30 Fenchurch Street, London, E.C.3.
Mansion House 2034/5

EXPORT **HARRINGTONS** HOME
BRAND
ASPIRINS
EXCEPTIONAL PROFIT
EXCLUSIVE PACK
LONDON OFFICE: 2 BERRIDGE Grn. EDGWARE

The manufacturers of G. HEX. based on "Gammexane," the astounding New Insecticide, invite applicants with sound connections, chemists, etc., for London and Essex, Herts, Bucks, Beds. Terms 12½% commission. The appointments are worth £1,000 P.A. to the hard working and right type of man. Give details, connection, etc., Box 118/755, C. & D. Office.

Large London Distributing House is looking for new lines suitable for Chemists, High Class Ladies Hairdressers and Stores. Sales force covers whole of Great Britain. Will purchase with view to Sole Distribution. Lines will be nationally advertiisd.
Write giving details to:
British & International Proprietories, Limited.
30, Budge Row, London, E.C.4 A

Limited supplies of genuine best quality natural perfumes also natural by-products from edible oils suitable for highest cosmetic manufactures. Apply for full particulars and bulk samples immediately to—120/813 C. & D. Office.

EXPORT MARKET

PERFUMES SUITABLE FOR BAZAAR TRADE, ALSO OINTMENTS, SHAVING CREAM, ETC.

Details and quotations on application to—
Harman Dietetic Laboratories
LIMITED
109, CRICKLEWOOD BROADWAY, N.W.2

—MANUFACTURERS—
HAVE YOU GOODS TO SELL?

The old-established firm of Goldhill and Mendoza Ltd., of 23, St. Giles High Street, London, W.C.2, having acquired larger premises and opening additional departments will be pleased to receive offers of all classes of merchandise.

Full particulars please, to:
THE OWL WORKS,
BONNY STREET, BLACKPOOL.
Phone: Blackpool 630

'AMBROSIA' **Hairpins**
PRE-WAR WRAPPINGS

2" BRONZE. Retail 6d. per pkt. 63 in pkt.) Price 16 pkts. 4/8d. including P. Tax. Wholesale & Export Enquiries Invited.

Keenedge Ltd.
18, Waltham Avenue, London, N.W.9.

GLYCERINE WANTED

Manufacturing Chemists would like to receive offers of Glycerine, any quantity. 124/958 C. & D. OFFICE

STEARIC ACID WANTED

Manufacturers are requiring regular supplies of Stearic Acid, and will be pleased to hear from anyone having material to offer.
Box 124/957 C & D OFFICE.

D.D.T/GEIGY IMPREGNATED STICKY FLY BAND. The very latest development. Can be supplied by well known manufacturer under your own label. Will be a terrific seller next season. Contact immediately for all details. Guaranteed constant supply.
Box L. 233. W. H. Smith & Son, Ltd., Manchester 3.

SPONGES

Just arrived from Greece. Large variety of qualities and sizes. Enquiries invited. Write to-day to:—

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35 OLD BOND ST., LONDON, W.1
TELEPHONE - - REGENT 2565

The CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX STREET, LONDON, W.C.2

is Supplement is in-rted in every copy of e Chemist & Druggist

OCTOBER 5 1946

evailing restrictions and heavy demand on space necessitate the holding over of a number of vertisements week by week. As normal press days are in abeyance advertisers are advised to send structions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

SITUATIONS OPEN

For 40 words or less, 2d. for every additional word.

RETAIL (HOME)

QUALIFIED Manager required for reopening West End Pharmacy. Comfortable post. Hours m. to 6 p.m. Half day off. No Sunday duty. te 126/126, C. & D. Office.

SSISTANT required, unqualified, or Apothecary Hall, for dispensing and counter, Somerset. particulars of experience and salary required. /978, C. & D. Office.

OROUGHBRIDGE, Yorks. Lady, qualified or unqualified for brisk country business. Easy rs. Pleasant district. Permanency if suitable. se give full particulars with copies of references state salary required. Moore, Chemist, oughbridge.

RANCH Manager required for London, busy, rapidly developing, working class family busi-, good wages and exceptional early prospects for man assured. Apply W. Hairsine, Ltd., 52 rdour Street, London, 'Phone Ger. 7329.

HEMISTS' Assistants (ladies) wanted for clerical work in the N.H.I. checking bureau and k pricing departments. Apply National Phar-ceutical Union, 4-5 Queen Square, W.C.1.

ISPENSER required for country practice near Sussex coast. Write giving full particulars to /101, C. & D. Office.

LDERLY Qualified Assistant wanted for a good class business. State experience and salary re-red, etc. Photo if possible. Williams & Smith, emists, Horsham, Sussex.

AMPSTEAD, London, N.W.3. Qualified Assis-tant for high-class dispensing business. Also dy Assistant for counter. Apply, stating age, ex-ience and salary required, D. J. Grant & Co., d., 567 Finchley Road, London, N.W.3.

EPPELLS require lady pharmacist as mana-geress at a small West End pharmacy near Pic-dilly Circus. Also young pharmacists seeking ex-ience and training as future managers. Reply: pt. Chemist, Heppells (1932), Ltd., 70 Vauxhall dge Road, S.W.1.

ULL. Young qualified assistant required Novem-ber 11 or earlier. Single. Would suit newly alified or ex-Service. Reply giving age, reference d salary required V. & E. Wall, Ltd., Chemists, 7 Anlaby Road, Hull.

ONDON Co-operative Chemists, Limited, require the services of several Pharmacists for branch anagerial positions in the London area. The posi-ns offer scope, security of tenure and a pension. ill interested pharmacists, both those in the Forces rtly to be demobilised and those looking for pro-ssive positions, apply to Superintendent Chemist, Maryland Street, Stratford, E.15.

ORRIDGE & COMPANY Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Enquiries invited from pharmacists and unqualified persons requiring siutations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to Columbia House in first instance.

QUALIFIED assistant with good dispensing experience required for City pharmacy. Permanency. Half day Saturday, no Sunday duty. Apply in writing, stating experience, age, if married and salary required, also when disengaged, to: B. Hooper & Co., Ltd., 6 Railway Place, Fenchurch Street, E.C.3.

QUALIFIED lady or gentleman required; easy hours, no extra duties. Apply W. T. Battrick (Chemists), Ltd., 34/36 New Park Road, Brixton Hill, S.W.2.

QUALIFIED lady assistant required. J. & C. J. Downing, 34 Archway Road, N.19. Tel. ARC. 1497.

QUALIFIED manager required for old established business in large Lincolnshire village Some veterinary experience preferred. Total abstainer. No Sunday or half-day duties. Modern, seaside house available 5 miles away. Please state age, experience and salary required. 126/104, C. & D. Office.

SOUTH COAST. Unqualified, single, male or female required for busy pharmacy, mainly dispensing, some counter. Usual particulars to 125/967, C. & D Office.

SHEFFIELD. Managership vacant. Permanency. Lady or gentleman, qualified. Full particulars to Jenners (Chemists), Ltd., 882 Grimesthorpe Road, Sheffield, 9.

STOCKPORT. Qualified assistant pharmacist required, lady or gentleman, suit recently qualified, permanent progressive position. Apply stating age, wage, and giving reference, to: The Secretary, Stockport I. & E. Co-operative Society, Ltd., 27-39 Chestergate, Stockport.

UNQUALIFIED assistant required, young lady or gent. Hours 9 to 6, Thursdays 1 p.m., Saturdays 7 p.m. No Sunday duty. Must be capable of dispensing or willing to learn. Apply Lloyds Chemists (London), Ltd., 260 Upper Street, Islington, N.1.

UNQUALIFIED assistant, experienced dispenser, London West Pharmacy. Permanency. Apply 125/961, C. & D. Office.

WANTED. Chemist-Optician, duties mostly dispensing and optical, Salary and commission. Lincolnshire. 125/964, C. & D. Office.

WANTED. Fully qualified man to take charge of chemist's dept. in large village stores. Write stating salary required, etc., to Jordan, 49 High Street, Robertsbridge, Sussex.

WANTED. Qualified lady or gentleman assistant for high class West End pharmacy. Good salary and easy hours. No Sunday duty. Apply to Hodge, Chemist, 10 Kensington Square, W.8.

WESTON-SUPER-MARE. Wanted, young male qualified assistant. Single. Suit newly-qualified or ex-Service seeking experience. Reply giving age, references, salary required, to F. Bessell, M.P.S., Milton Pharmacy, Weston-super-Mare.

WEST HARTLEPOOL. Vacancies occur for two pharmacists (male or female) capable of taking charge of a branch—one vacancy would suit newly qualified person. Exceptional opportunity for experience in busy good class store pharmacy. Give usual particulars and salary required to: Hartlepools Co-operative Chemists, Ltd., West Hartlepool.

YOUNG Lady, unqualified, for Chemist's office, Central London. Permanency, Apply Box 124/952, C. & D. Office

YOUNG qualified assistant required, mainly for dispensing. Apply stating age, experience and salary required. Trevethick, Medical Hall, Kidderminster.

WHOLESALE

ACTIVE capable technical and factory manager required on salary and share of profits basis to control development and production of small London cosmetic manufacturing business having interesting quotas but which has been neglected owing to war conditions. Good contacts with suppliers and working experience essential to link with existing export and sales organisation. Apply, in confidence, stating experience, to Box 123/917, C. & D. Office.

AMPOULE and Hypodermic Tablets. Opportunity for an unqualified assistant occurs in this department of a London wholesale house. Reply 125/993, C & D. Office.

ANALYTICAL chemist required by firm of manufacturing chemists. Experience of Food and Drugs Act, general analysis and assay of drugs, and some knowledge of formulation necessary. Applicants should state qualifications, experience and remuneration to 125/968, C. & D. Office.

APPLICATIONS are invited from Qualified Pharmacists (male or female) for the position of works chemist in well-known manufacturing firm near London. Knowledge of sterile work an advantage. 126/121, C. & D. Office.

APPLICATIONS are invited by a research organisation for a position as Liaison Officer to co-ordinate medical and chemotherapeutic research. No upper age limit for candidates is imposed. It is not an essential condition that full time should be devoted to the work. Applicants should possess appropriate scientific qualifications. Suitable offices and clerical assistance are available. Remuneration offered £750 p.a. or according to qualifications. 125/991, C. & D. Office.

APPOINTMENT available in North of England for qualified pharmacist either male or female. Qualifications required are a good pharmaceutical background and preferably experience in a hospital dispensary. Apply in writing with recent photograph (which will be returned) to 125/960, C. & D. Office.

CHEMIST, age not exceeding 30, B.Sc. or A.R.I.C., required for supervision of process work in fine chemical manufacture. Permanent progressive position in expanding organisation. Contributory pension fund. Please state age, experience and salary required. Ciba Ltd., Horsham, Sussex.

CHEMIST or pharmacist required by well-known firm in North of England to undertake evolution and development of household, medicinal, toilet and other proprietary lines. Successful applicant will be required to take charge of department and must be a man with practical ideas and the ability to develop and perfect new lines suitable for sale in large volume both at home and overseas. This post offers an excellent opportunity with unusual prospects for a capable man. Write full details of qualifications and experience to 126/994, C. & D. Office.

CHIEF Chemist required for leading firm pharmaceutical and cosmetic manufacturers. London area. Highly qualified, experienced man to take responsibility for new product research, manufacturing, buying and testing of raw materials. Two qualified assistants. Commencing salary according to experience £1,200 to £1,500 with excellent prospects. Write fully, stating age, posts held, etc. Box 123/897, C. & D. Office.

COUNTERHAND, female, required to pack wet and dry drugs, assemble and check orders. Previous experience an advantage but not essential. 5 day week. Please write 125/981, C. & D. Office.

EXPORT manager required to develop and extend existing nucleus. Possible eventual interest in business. Apply with full details of previous experience giving (in confidence) name and address of present or last employer. 125/963, C. & D. Office.

EXPORT Sales Correspondent required in Dublin by British manufacturing chemists. Must possess intimate knowledge shipping and import formalities. Ability to act on own initiative and develop U.S.A., Canada and South America trade. Write fully giving references, age, languages, and salary required to Box 122/890, C. & D. Office.

FIRST-CLASS representative—calling on chemists, ironmongers and grocers, Co-ops., etc., wanted for South Wales by reputable Sheffield company. Commission basis only. Replies in confidence to 126/114, C. & D. Office.

GLASGOW Branch. Office Manager required by distributors of well known hair preparations and toilet requisites and wholesalers of allied sundry products. Previous similar experience essential. Box 123/904, C. & D. Office.

KEEN and ambitious qualified representative required by leading ethical pharmaceutical house to call on hospitals, doctors and retail chemists. Salary, expenses and commission, superannuation scheme. Write, giving full particulars with photograph if possible, to Box 1307, c/o Charles Barker & Sons, Ltd., 31 Budge Row, London E.C.4.

LONDON (north of Thames, including West End and City) and Middlesex. Manufacturers of popular pharmaceutical specialities with established connections amongst retail and wholesale chemists, stores and Co-ops., require representatives for this remunerative territory. Sole agency on commission basis considered. Applicants must be ambitious, energetic and possess strong personal connection. Fullest details including experience, age, other lines carried and frequency of calls. 126/109, C. & D. Office.

MALE or female Cost and Invoice Clerk required. Must be fully conversant with Surgical Sundries. Write stating experience and salary required to the Medical Supply Association, Ltd., 167 Gray's Inn Road, W.C.1.

MANUFACTURERS of ethical pharmaceutical products and also counter lines, established connections, require first-class representative, qualified preferred, for Yorkshire. Particulars in confidence to 126/997, C. & D. Office.

MANUFACTURING chemists require first-class representative for Worcester, Warwick, Northants. Permanent career for man of experience, knowledge and ability on salary, commission and expenses. Apply in writing giving full details of career to date. We regret we cannot accept incomplete applications. 125/992, C. & D. Office.

MANUFACTURING chemists require two first class representatives, one for North London area, and one for South London area. Permanent career for two men of experience, knowledge and ability on salary, commission and expenses. Apply in writing, giving full details of career to date. We regret we cannot accept incomplete applications. 125/983, C. & D. Office.

EDICAL representative with pharmaceutical or science qualification required by well-known of manufacturing chemists. Must have experiin contacting medical specialists in West End London and also able to undertake supervision of r representatives in Greater London. Good ry and prospects. Full details of age, education experience and salary required in first letter. applications treated in confidence. 125/984, & D. Office.

ANUFACTURING Chemists require production manager, for modern factory near London. particulars of previous posts, age and salary uired, to: Box 123/899, C. & D. Office.

EDICAL representative with pharmaceutical qualification required for London area by nufacturers of well-known ethical products. Reply confidence giving details of age, previous experie, etc. to 126/113, C. & D. Office.

HARMACIST (male) required for analytical laboratory by wholesale chemists. Write, stating experience and salary required to Chief mist, 46 Southwark Street, S.E 1.

HARMACIST required for ampoule department of large manufacturing house in Manchester. ties will include preparation of injections in bulk; ndardisation; supervision of filling and sterilising; ility testing, etc. Permanent post with excellent spects for suitable man. Full details to 126/995, & D. Office.

HARMACIST required as Manager of pharmaceutical and cosmetic manufacturing dept Practical experience desirable. Write full particulars, erience, salary, etc. Box 681, Sells, Ltd., Bretham House, Strand, W.C.2.

ROGRESSIVE firm of manufacturing chemists require production manager, with good chemical kground, for modern factory near Cardiff. Full rticulars of previous posts, age and salary required, Box 123/898, C. & D. Office.

UALIFIED tablet maker, preferably P.H.C., required by manufacturing chemists, South les; 5-day week. Applicants must have good work- knowledge of rotary machines and first-class erience in all tablet-making and coating, also ting for tropical climates. The position offers pe for research under ideal conditions. Please ite details of experience, salary required, etc., to naging Director, 126/105, C. & D. Office.

EPRESENTATIVES, full-time or agency, required by manufacturers of proprietaries. cant territories: (1) Yorkshire, (2) Northern gland, (3) Scotland, (4) Midlands, (5) North ndon. Pharmaceutical connection essential. Box 2/875, C. & D. Office.

EPRESENTATIVE, connection chemists and hairdressers required for Middlesex, Herts, Beds, rthants, by manufacturing chemist. Small salary, h commission, large number present accounts nded over. 126/117, C. & D. Office.

EPRESENTATIVES (2) required to cover Eire chemists, hospitals, wholesalers and hairdressers British manufacturing chemists opening Dublin anch. Essential possess live personal connection d some knowledge medical propaganda. Age it 25 to 45. Salary, commission and expenses. o one representative for Northern Ireland resint in Belfast. Write fully, enclosing two refernces, firms represented and when available, to Box 2/889, C. & D. Office.

EPRESENTATIVES wanted to carry two lines only on commission basis, (1) a pine needle, a soap substitute particularly wanted in industrial areas. 126/120, C. & D. Office.

EPRESENTATIVE required by surgical dressings and druggist sundries house, to call on emists in North-East England. Salary, commission and expenses. State age and experience. 3/896, C. & D. Office.

REPRESENTATIVES (3), full time or sole agency required by manufacturers of attractive and readily acceptable pharmaceutical specialities. Territorities vacant: 1, Eastern Counties; 2, Beds, Berks, Bucks, Herts, Oxford and Northants; 3, Northern Ireland. Splendid show material available for most lines. Local advertising. Applicants must be ambitious, energetic and possess strong personal connections with retail and wholesale chemists, stores and Co-ops. on the defined areas. Reply in first place giving full particulars including age, if car owner, present lines carried and frequency of calls. 126/110, C. & D. Office.

REQUIRED, alert person to control small department, for the production of packed goods and ethical preparations. Midlands. 126/122, C. & D. Office.

REQUIRED by Export Druggists' Sundries House in South-East London, two male assistants, age 25-30 years. Apply stating experience to "DS," 125/980, C. & D. Office.

SMART, well introduced representative required by chemists' wholesalers operating centre of South Coast and inland areas of Dorset, Wilts, and Somerset. One with knowledge of drug trade preferred. Salary, part commission and expenses. Please write giving full particulars 125/986, C. & D. Office.

SOLE distributors of nationally advertised cosmetics, require live representatives in Cumberland, Westmorland, Northumberland, Durham, the Midlands, Lincoln, Norfolk, Suffolk, Cambridgeshire, Hertfordshire, Berkshire, Buckinghamshire, Oxfordshire, Northampton, Huntingdon, Cornwall, Devonshire, Somerset and Dorset. Big selling lines. Good commission. Write Box 458, c/o Pool's, Aldwych House, London, W.C.2.

STOCK Keeper or Order Clerk required for Surgical Sundry Dept. Only fully experienced need apply, male or female. Permanent position assured. Write giving full particulars and salary required to The Medical Supply Assn., Ltd., 167/173 Grays Inn Road, W.C.1.

TABLET Maker required by London Wholesale Druggists. A knowledge of pearl and sugar coating would be of advantage. 112/529, C. & D. Office.

TABLET Maker required by a London firm of Manufacturing Chemists. Applicants must have had experience of all kinds of Tablet making and Sugar coating and must understand Rotary machines. 5-day week. Apply in the first instance to Box 110/466, C. & D. Office.

TABLET maker required by manufacturing chemists. Permanent position for suitable applicant. Write or call, Matthews & Wilson, Ltd., 6-8 Cole Street, London, S.E.1. HOP 2147.

WELL introduced Sales Representative required for high-grade luxury toilet preparations (nationally advertised), to be carried as additional line on commission basis; to call on chemists, hairdressers and departmental stores for various provincial areas. Give references in first letter and name present lines carried. 114/612, C. & D. Office.

WELL known firm manufacturing nationally advertised product require representatives of integrity, with established retail trade connections in England, Scotland and Wales. Generous weekly expense allowance and commission. Applicants should give particulars of present lines carried, firms represented and territory covered. 125/976, C. & D. Office.

WHOLESALE chemists expanding their business require the services of a qualified chemist to take charge of drug department. Some manufacturing experience desirable but not essential. Send full particulars and state salary required. 125/987, C. & D. Office.

WORKS manager required, preferably with B.Pharm. or Ph.C. qualification. Experience in pill and tablet manufacture desirable but not essential. Position offers scope for initiative and ability, and is progressive and permanent. Write Matthews & Wilson, Ltd., 6-8 Cole Street, S.E.1.

WORKS manager required for well established manufacturing chemists, London area. Applicants should have comprehensive manufacturing experience of pharmaceuticals and ability to handle staff. Full particulars to 126/996, C. & D. Office.

YOUNG man, unqualified assistant, wanted by manufacturing chemist. Apply by letter only, to Messrs. Castle Huskisson, Ltd., Swinton Works, Moon Street, Islington, N.1.

CLERICAL

SECRETARY-shorthand-typist for general manager of manufacturers of pharmaceutical chemicals. Experience in the trade and knowledge of languages an advantage, but good references for hard work and trustworthiness prime consideration 5-day week at present. Write Box 2894, Whites, Ltd., 72/78 Fleet Street, London, E.C.4.

WHOLESALE (OVERSEAS)

CHEMIST required in South Africa by well-known company for the control and analyses of food products and raw materials—one who has specialised in the study of organic and physical chemistry, with ability to direct manufacturing processes in a wide range of foodstuffs, and unmarried, would be the most suitable. Salary £750 upward, according to ability and experience. Applications, giving age, full details of experience, etc., to Box 179, Foster Turner & Everetts, Limited, 11 Old Jewry, London, E.C.2.

PHARMACEUTICAL chemist for works in India. Experience in manufacture, standardisation, testing and packing of pharmaceutical products essential and should be capable of working out original medicinal and cosmetic preparations. Write with full particulars of age, education, training, and experience to Box B 359, c/o Street's, 110 Old Broad Street, E.C.2.

PLANT Chemists urgently required for process plant operation by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter. B.Sc. or National Certificate standard, with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum, plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply, stating age, qualifications and experience, etc., to Dept. F.22, 126/118, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

RETAIL (HOME)

CHEMIST, keen production organiser, 18 years' experience in high-class perfumery, cosmetics and soaps, seeks half-daily part-time duties as consultant; would consider partnership. 127/130, C. & D. Office.

DISENGAGED October 17, locum, manage or assist. Thoroughly competent, reliable, all round experience. Town or country, any period, reasonable terms. Bishop, 23 Kirtleton Avenue, Weymouth.

EXPERIENCED pharmacist, disengaged October 7. Yorkshire preferred. State particulars and salary. Calvert, c/o Wood, 7 The Orchards, Church Lane, Gomersal, Nr. Leeds.

LOCUM, M.P.S., 53, free October 27th, availab for long or short period. 126/106, C. & D Office.

PHARMACIST (27), recently demobilised, desir permanent progressive position, U.K. or ove seas. Retail, clerical, hospital and stores experienc combining staff discipline. 126/999, C. & D. Offic

PHARMACIST (35), married, well-recommende desires post as manager or assistant preferably i or near, S.W. London. Experienced in all branch of retail pharmacy, keen, energetic. Would co sider eventual succession or interest Living accom modation essential. 125/985, C. & D. Office.

QUALIFIED married lady, free shortly, woul accept low salary in position offering light duti with living accommodation for three. Souther England preferred. 125/973, C. & D. Office.

WILTS, Hants or Dorset. Pharmacist (38), wide experienced, desires post in this area. Exper ence includes West End and wholesale. 126/12 C. & D. Office.

LOCUMS SEEKING ENGAGEMENTS

WILTS, Hants and Dorset. Experienced Locu available for this area. Qualified. 126/12 C. & D. Office.

WHOLESALE

ACTIVE representative, age 33 years, seeks pos tion in the Devon area. Salary require 125/969, C. & D. Office.

ADVERTISER (38), desires position as gener or sales manager. First-class organiser and ac ministrator, widely travelled on Continent, used t responsibility and control of staff, experienced i marketing new products. 126/107, C. & D. Offic

AGENCIES. Demobbed, ex-army (Major), (pharmacist's son), desires agencies in Ea Anglia, good class lines. Full details in confidenc 125/966, C. & D. Office.

AMBITIOUS young B.Pharm. requires progre sive post with manufacturers of pharmaceutic or biological products. In or near London. 125/98 C. & D. Office.

ASSISTANT (29), unqualified, seeks permanen (wholesale) where 12 years' experience in a branches of drug trade can be fully utilised to mutu advantage. 125/970, C. & D. Office.

FIRST-CLASS tabletter, age 44, 30 years' exper ence, complete knowledge of tablet manufa turing and sugar coating, also a good knowledge pharmaceutical products. (Manchester preferred 126/112, C. & D. Office.

LADY with A to Z knowledge English cosmeti buying, manufacturing, packaging, publicit marketing, home export trade, seeks directorship enterprising company with future. Write 126/11 C. & D. Office.

LADY with 25 years' experience manufacturi chemists seeks executive position. Able to co trol staff. Sound reasons for change. 125/974, C. D. Office.

PART-time position required by qualified, exper enced retail and wholesale. Box 122/858, & D. Office.

PHARMACIST (30), car owner, seeks positi preferably in South Wales area, representation any other post offering prospects. Reply statin salary offered. 125/971, C. & D. Office.

PHARMACIST (M.P.S.) seeks post in manufa facturing, willing to be trained in all branche Keen reliable worker. Reply stating salary offere 125/972, C. & D Office.

REPRESENTATIVE requires additional line comm. basis. Connection North-East Englan calling wholesale and retail chemists, etc. Wri 126/123, C. & D. Office.

PRESENTATIVE offers to house of repute ive connection with wholesale and retail ists, Co-ops, etc., Sussex, Hants, Dorset, Wilts. ears on ground. Resident Worthing. Salary, ission, expenses. 125/990, C. & D. Office.

PRESENTATIVE (30), well educated, excel- lent appearance, whose personal connections ist, wholesalers and stores in South Wales is d to none, desires two or three first-class ies on commission basis. Would consider sole sentation if remuneration and prospects justify. ufacturers of nationally known products are in- to communicate in strict confidence with 100, C & D. Office.

LES or general manager, qualified, thoroughly xperienced, capable full charge, seeks change ing responsibility and income exceeding present ings of £1,200. 126/116, C. & D. Office.

RAVELLER with connection chemists and stores, Durham, North Yorkshire, Northumberland, ts sound lines, commission basis. 126/108, C. . Office.

APPOINTMENTS

IRMINGHAM AND MIDLAND EYE HOSPITAL

Church Street, Birmingham, 3.

hief Pharmacist (M.P.S. qualification—male female) required at an early date by this portant Provincial Hospital. A knowledge of stitutional buying and routine would be a ecommendation. Commencing salary accord- g to qualifications and experience, but in any se not less than £350 p.a. plus lunch and tea. pply in writing before 12th October, 1946, the House Governor.

LONDON COUNTY COUNCIL

SSISTANT PHARMACIST (whole-time) re- uired at Friern Hospital, New Southgate, N.11, and St. Bernard's Hospital, Southall, Middle- ex (part-time at each hospital). Candidates nust be Registered Pharmacists. Salary £320 ising to £400 a year. Commencing salary ccording to experience. Application form from Medical Officer of Health (I), Mental Health ervices, County Hall, Westminster Bridge, ondon, S.E.1. (2560).

THE LONDON CLINIC
149 HARLEY STREET, W.1

ASSISTANT PHARMACIST required. Salary £400 per annum. Hospital experience essential. Applications stating age and previous experience o be sent to The Chief Pharmacist.

LOCUM TENENS wanted as Assistant in Hos- pital Pharmacy for five weeks. Pharmacist or Apothecaries Hall Assistant with experience. Salary according to recognised scale. Apply stating experience and giving names for refer- ence to The Secretary, West Suffolk General Hospital, Bury St. Edmunds.

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ONSULTANT Chemist is prepared to advise on preparation and formulæ of cosmetics and ugs. Box 121/854, C. & D. Office.

ONTAINER filling, Yorkshire factory, is able to undertake packing contracts. Filling jars, ttles, tins, with powders, liquids, creams, etc. In- uiries welcomed 124/959, C. & D. Office.

GENTLEMAN seeking an income of £2/3,000 p.a. (gross) will be pleased to invest in any suitable well-established business with good prospects (preferably manufacturing or distributing). Not more than 40 per cent. holding is wanted, as advertiser does not require an active interest or control. All correspondence will be held in strict confidence. No new schemes or ventures can be entertained. Bankers' and accountants' references given and wanted. Write 125/979, C. & D. Office.

LONDON export house requires complementary lines such as anti-malarial preparations, patent medicines against intestinal troubles, all sulpha-combinations, glandular and hormone products, biological medicines, tonics, etc. 126/998, C. & D. Office.

REPUTABLE S. African firm of pharmaceutical distributors urgently desirous of obtaining good chemists' sundries, such as: Toilet articles, sponges, hair, tooth brushes, combs, razors, etc., etc. Write Box ZQ.443, Deacon's Advertising, 36 Leadenhall Street, E.C.3.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Others contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

PHARMACIST would like to contact chemist contemplating retirement in near future with business turnover about £10,000. London district or South. Living accommodation an advantage. Full capital available. 125/965, C. & D. Office.

BUSINESSES FOR DISPOSAL

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ESSEX-Suffolk Border. Drug store corner premises, main London road. Takings over £2,000. N.H.I. greatly needed. Good stock. Nice house, garden, garage space. Owner retiring. Price includes goodwill, stock fixtures, freehold premises, £5,000 for quick sale. 126/102, C. & D. Office.

FOR Sale. Old established herbalist business, shop and premises in Todmorden, Lancs, excellent living accommodation, in centre of shopping district, 900 year lease at very low ground rent. Apply Eastwoods & Co., Solicitors, Todmorden.

SHOP to let with two small rooms at rear. Established as successful pharmacy about 15 years ago. Closed through war difficulties. Well fitted in mahogany and ready for excellent one-man business —artisan class, off man street—in closely populated part of Gillingham, Kent. Agreed cost of fittings gives entry to right man. Rent £52 and rates.—A. E. Farrow, Sandling, Maidstone

AGENCIES

12/6 for 36 words or less, 3d. for every additional word.

AGENT calling on high class chemists would like first-class line for Scotland. 125/989, C. & D. Office.

AGENTS with good connections covering chemists hairdressers, etc., to carry additional competitive Christmas lines in compacts, fancy jewellery, etc. Immediate delivery. 10 per cent. commission. 126/111, C. & D. Office.

LADY, travelling South coast, would like sole agency for cosmetics and toilet requisites. References provided. D. Bernes, 11 King Street, Brighton.

LARGE Canadian Sales Agency, 14 distributing warehouses, coast-to-coast sales coverage wishes to represent manufacturers of pharmaceutical specialities, household medicinal products, toilet sundries, etc. Write Laurentian Agencies, 429 St. Jean Baptist Street, Montreal, P.Q., Canada.

SOLE Agencies open, England and all countries, on new type preparations for hair growing and obesity. Original sales angle based on latest medical research supplied. Write, The Healthwise Plan, 24 Pond Place, London, S.W.3.

WHOLESALE chemist sundries house established over 30 years covering all parts of Scotland would be interested in agency for any line which could be sold to chemists. 122/870, C. & D. Office.

WANTED

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ACTUAL consumers require Vanillin 100 per cent. pure; Salicylic Acid B.P. Crystals and Acetyl Salicylic Acid B.P 125/977, C. & D. Office.

ACTUAL User would appreciate supplies of Vanalin. 120/806, C. & D. Office.

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ONE ton each of the following:—Cadmium, red and yellow, toluidine, hansa yellow, chrome (yellow, orange, oxide), strontium chromate, indathrene blue, heliogen blue, macastral, marcon oxide, antimony oxide, titanium dioxide, blue basic lead sulphate, synthetic iron pigments, basic lead carbonate white, red lead, lead oxide, manila copal or substitute, paraffin wax, caustic soda, pigments for cellulose lacquers, oil paints, synthetic enamels, and alcohol, soluble enamels and emulsion paints. Also creosole, metacreosole, butylacetate, ethylacetate, maizedextrate, saccharine powder, zinc white. Box 124/947, C. & D. Office.

PILL piping machine and rotary cutter wanted. Also compact press. Saccharin powder 550. Offers to Edwards, 3 St. Helen's Road, Doncaster.

Q.P. hand and power emulsifiers in any condition. Please state price and condition. 125/982, C. & D. Office

REQUIRED for manufacturers, regular supplies of invert lactose. 126/119, C. & D. Office.

SACCHARIN Tablets required, bulk or packed, any quantity, surplus stocks or regular outputs purchased for cash. Write Box 354, c/o J. G. King & Son, 150 Fleet Street, London, E.C.4.

STEARIC Acid and paraffin wax—supplies required for big users. Please state price, quantity offered and M.P. Box 124/953, C. & D. Office.

STEARIC Acid Triple Pressed required in large quantities. 965/969, C. & D. Office.

WANTED. A copy of "Indigenous Drugs of India," by Colonel Chopra. Offers to 125/975, C. & D. Office.

WANTED at once—a few hundred gross 1 oz. tall vaseline jars without caps. Please send sample and price to Acra Products, Ltd., 3 King's Head Buildings, Cloth Hall Street, Huddersfield.

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ARLEE, LTD., Green Roof, Ashtead, Surrey can offer rubber wads to fit caps for sma perfume bottles. Ashtead 2566

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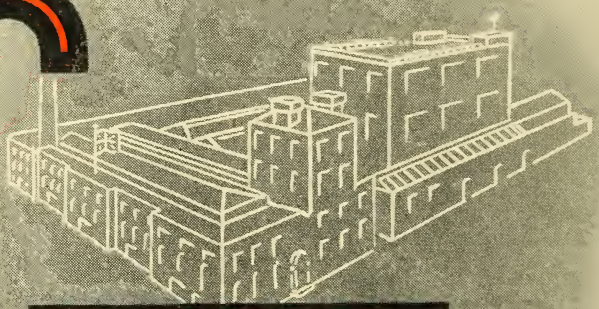


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